"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N.I.

Balancing of communication cables at the Southern Urals Railroad. Avtom., telem.i sviaz' 5 no.7:34-36 Jl '61. (MIRA 14:10)

1. Nachal'nik laboratorii signalizatsii i svyazi Yuzhno-Ural'skoy dorogi, vneshtatnyy korrespondent zhurnala "Avtomatika, telemekhanika i svyaz'".
(Railroads—Signaling) (Electric cables)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N.I., aspirant

Investigating a new pneumatic drive equipped with a camgear for the stage switch of an electric locomotive converter. Izv.vys. ucheb.zav.; mashinostr. no.2:86-106 '61. (MIRA 14:3)

1. Moskovskoye vysshaye tekhnicheskoye uchilishche imeni N.E.Baumana.
(Electric locomotives) (Electric switchgear—Pneumatic driving)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N.I.

Improve the operational characteristics of V-3 apparatus. Avtom., telem. i sviaz' 6 no.3:38-39 Mr '62. (MIRA 15:3)

1. Nachal'nik laboratorii signalizatsii i svyazi Yuzhno-Ural'skoy dorogi, vneshtatnyy korrespondent zhurnala "Avtomatika, telemekhanika i svyaz'".

(Railroads--Communication systems)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

STRUMILIN, S.G.; BARDIN, I.P., akademik, otvetstvennyy redaktor; PAVLENKO, N.I., redaktor; ZELENKOVA, Ye.V., tekhnicheskiy redaktor.

[History of ferrous metallurgy in the U.S.S.R.] Istoriia chernoi metallurgii v SSSR. Vol. 1. [Period of feudalism (1500-1860) Feodal'nyi period (1500-1860 g.g.) Moskva, Izd-vo Akademii nauk SSSR. 1954. 533 p. (MLRA 7:11)

(Iron industry--History)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

KOSTYAKOV, Aleksey Nikolayevich; FAVORIN, Nikolay Nikolayevich; AVER'YANOV, Sergey Fedorovich; KOCHINA, P.Ya., otvetstvennyy redaktor; PAVLENKO, N.I., redaktor izdatel'stva; ASTAF'YEVA, T.A., tekhnicheskiy redaktor

[The effect of irrigation systems on ground water movement; a collection of articles] Vliianie orositel'nykh sistem na rezhim gruntovykh vod; sbornik. Moskva, Izd-vo Akademii nauk SSSR. Pt.1. 1956 449 p. (MLRA 10:1)

1. Chlen-korrespondent AN SSSR (for Kochina, Kostyakov)
(Irrigation) (Water, Underground)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N. I.

Development of the Russian metallurgical industry in the first half of the 18th century. Moskva, Izd-vo Akademii nauk SSSR, 1953. 536 p. (54-32178)

HD9506. R85P3

1. Mineral industries - Russia - Hist.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N. I.

Razvitiye Metallurgicheskoy Promyshlennosti Rossii v Pervoy Polovine XVIII Veka (Development of The Russian Metallurgical Industry in The First Half of The 18th Century) Moskva, 1953.
536 P. Tables.
Bibliographic Footnotes.
At Head of Title: Akademiya Nauk SSSR. Institut Istorii.

SO: N/5
740.1
.P3

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N. I.

N. I. Pavlenko, Razvitiye metallurgicheskoy promyshlennosti Rossii v pervoy chetverti XVIII v. (Promyshlennaya politika i upravleniye) /Development of the Russian Metallurgical Industry During the First Quarter of the Eighteenth Century (Industrial policy and administration/, Press of the Academy of Sciences USSR, 33 sheets

The book is based on a large quantity of unpublished source material found in the Central Archives of Ancient Documents at Moscow and in the Historical Archives of Sverdlovsk Oblast.

It is intended for scientist historians and scientist economists, teachers of higher schools. graduate trainees, and students of history.

SO: U-6472, 23 Nov 1954

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N.I.; NOVOSEL'SKIY, A.A., doktor istoricheskikh nauk, redaktor.

[Development of the Russian metallurgical industry in the first half of the 18th century] Razvitie metallurgicheskoi promyshlennosti Rossii v pervoi polovine XVIII veka. Moskva, Izd-vo Akademii nauk SSSR, 1953. 536 p. (MLRA 7:3)
(Mineral industries--History)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

BELOUSOVA, Ye.M.; BOBROVSKAYA, M.M.; PAVLENKO, N.K.

Reaction of germanium compounds with glycine. Zhur. ob. khim. 35 no.10:1781-1783 O '65. (MIRA 18:10)

1. Odesskiy gosudarstvennyy universitet imeni I.I. Mechnikova.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

1. PAVLENKO, N. F.
2. USSR (600)
4. Incubators
7. Control panel of the Rekors-39 incubator (1947 type). Ptitisevodstvo No. 2, 1953

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

BELOUSOVA, Ye.M., PAVLENKO, N.K.; [illegible]

Cryoscopic investigation of complex formation in the systems $CdCl_2 - KCl - H_2O$, $CdCl_2 - KBr - H_2O$ and $CdBr_2 - KBr - H_2O$.
Nauch. ezhegod. Khim. fak. [illegible] (MIRA 17:8)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

MAL'KOV, V.G., inzh.; PRILEPSKIY, V.I., inzh.; DOBROV, V.S., inzh. V rabote prinimali uschastiye; KHIL'KO, F.M., inzh.; MERSHCHIY, N.P., inzh.; CHETVERIKOV, V.Ya., inzh.; KUROV, I.N., inzh.; RATNER, B.R., inzh.; BUBYCHEV, G.D., inzh.; ALFEROV, K.S., inzh.; PAVLENKO, I.M., inzh.; FINKEL'SHTEYN, M.M., inzh.; PLUZHKO, N.F., inzh.; SAMSONOV, T.F., inzh.; BABENKO, N.N., inzh.; LAD'YANOV, N.I., inzh.; TUPIL'KO, V.S., inzh.

Deoxidizing and alloying 25G2C steel with ferromanganese and ferrosilicon in 200-ton ladles. Stal' 20 no.9:803-806 S '60. (MIRA 13:9)
(Steel, Structural--Metallurgy)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

AUTHORS: Bornatskiy, I.I., Belousova, E.E., and Pavlenko, N.M., (Engineers). 130-5-11/22

TITLE: Increasing the durability of rings for rolling a recurrent shape. (Povysheniye stoykosti kolets dlya prokatki periodicheskogo profilya).

PERIODICAL: "Metallurg" (Metallurgist), 1957, No.5, pp.24 - 25, (U.S.S.R.).

ABSTRACT: The adoption of Type 35ХГСА steel for making the rings fitted onto rolling-mill rolls for producing recurrent shapes has improved productivity and ring life. The rings were previously made of Type 45 steel. The composition of the newly adopted steel is: 0.36% C, 1.25% Si, 0.87% Mn, 0.022% S, 0.032% P and 1.23% Cr. The steel was melted in a basic electric furnace, the ingots were rolled into 200 x 200 mm square billets and the rings were forged of these latter. The forging was completed at a temperature not lower than 800-850 C and, after slow cooling, annealing and heat treatment was carried out on the rings. To avoid decarburization the rings were heated in boxes with spent carburizer before hardening. There are 2 figs.,1 table.

Card 1/2

ASSOCIATION: Makeevskiy Metallurgical Works (Makeevskiy Metallurgi-

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

Increasing the durability of rings for rolling a recurrent shape. ([illegible] 130-5-11/22
cheskiy Zavod).

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BORNATSKIY, I.I., inzhener; BELOUSOVA, Ye.Ye., inzhener; PAVLENKO, N.M., inzhener.

Increasing the resistance of rings for rolling corrugated sections.
Metallurg 2 no.5:24-25 My '57. (MLRA 10:6)

1. Makeyevskiy metallurgicheskiy zavod.
(Rolls (Iron mills))

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N.P.

Runoff conditions for the load of rivers of the northern slopes of the Trans-Ili Ala-Tau. Izv.AN Kazakh.SSR.Ser.energ. no.1: 48-61 '58. (MIRA 12:6)
(Trans-Ili Ala-Tau--Rivers)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N. P., Cand Tech Sci -- (diss) "Detritus discharge of the Rivers of the Northern Slope of the Zailiyskiy Alatau." Alma-Ata, 1960. 15 pages; (Acad Sci Kazakh SSR. Inst of Power Engineering), 180 copies. (KL, 29-60, 125)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, [illegible]

Some morphometrical characteristics of the river beds of the northern slope of Trans-Ili Ala Tau. Izv. AN Kazakh.SSR, Ser. energ. no.1:76-81 '60. (MIRA 15:5)
(Trans-Ili Ala-Tau--Rivers)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N. F

Mechanical composition of the alluvial sedimentation carried away by the rivers of the northern slope of Trans-Ili Ala Tau. Izv. AN Kazakh.SSR Ser.energ. no.1:82-87 '60. (MIRA 15:5)
(Trans-Ili Ala Tau--Alluvium)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N.P.

Seasonal sediment movement in the Bol'shaya Almatinka River. Izv. AN Kazakh.SSR.Ser.energ. no.8:75-81 '55. (MLRA 8:12)
(Bol'shaya Almatinka River--Alluvium)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N. P.

Concerning some special features of the beds of rivers with flash floods of the Trans-Ili Ala-Tau. Izv. AN Kazakh. SSR. Ser. energ. no.2:95-99 '62. (MIRA 16:1)

(Trans-Ili Ala-Tau--Rivers)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N.P.

Study of the steady flow of the rivers of the northern slope of the Trans-Ili Ala-Tau. Trudy Inst. energ. AN Kazakh. SSR 2:188-192 '60. (MIRA 15:1)
(Trans-Ili Ala-Tau--Hydraulic structures) (Trans-Ili Ala-Tau--Rivers)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

KURBATSKIY, I.L.; USTINOV, A.I.; CHERNYY, A.A.; MURZIN, V.G.; SOSNOVSKIY, Ye.D.; PAVLENKO, N.S.; KHILYUK, A.S.; RUSALKIN, V.A.

Making castings of high strength cast iron. Lit.proizv. no.9:6-9 S '62. (MIRA 15:11)

(Iron founding)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

MARIYENBAKH, I.M., doktor tekhn. nauk; CHERNYY, A.A., inzh.; GRACHEV, V.A. inzh.; MUBATSKIY, I.I., inzh.; [illegible], N.S., inzh.; MYLIYEV, A.I., inzh.

Gas-fired cupola furnace. Lit. proizv. no.11[illegible]-3 Ja '60. (MIRA 13:1)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

AUTHOR: Shmidt, N.V., Krasil'shchikov, Z.N., Pavlenko, N.T. and Shvach, Ye.N. 133-9-16/23

TITLE: Improvement of Mechanical Properties of Low Carbon Steel by Thermal Treatment. (Termicheskoye uprochneniye maloug-lerodistoy stali)

PERIODICAL: Stal', 1957, No.9, pp. 833 - 837 (USSR)

ABSTRACT: An investigation of thermal strengthening (rapid cooling in water) of 8 mm plate from MCt.3 steel (for railway tanks) is described. The composition of steel %: C 0.15, Mn 0.49, Si 0.23, S. 0.042, P 0.017, Cr 0.13, Ni 0.07, Cu 0.21. The above investigation included: the determination of the optimum temperature of special heating for thermal strengthening (Table 1), the influence of annealing of thermally-strengthened steel, study of the tendency of thermally-strengthened steel to ageing and the determination of the strength of welded joints from strengthened steel. It was found that the optimum temperature of pre-heating lies within a range of 890-920 °C cooling with water spray for 40 sec (spraying of one side of plates is sufficient); annealing, if improvement in the plastic properties of steel is necessary, at 600 - 650 °C is sufficient (Fig.2); tendency to ageing of thermally-strengthened steel is decreased (Table 2) and mechanical properties of welded

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Improvement of Mechanical Properties of Low Carbon Steel by Thermal Treatment.

joints are improved. A comparison of the microstructure of untreated and treated steel is shown in Fig.1. The investigation confirmed that thermal strengthening of low carbon steel is advantageous. The following mechanical properties can be obtained: $\sigma_s \geqslant 35$ kg/mm^2, $\sigma_B \geqslant 50$ kg/mm^2, $\delta \geqslant 14\%$, $a_k \geqslant 3$ kg/cm^2 (at -20 °C after ageing).

There are 2 tables, 3 figures and 6 references, 5 of which are Slavic.

ASSOCIATION: Branch of the TsNII MSP SSSR

AVAILABLE; Library of Congress.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N.T.

14(9,10) SOV/95-59-4-3/12

AUTHORS: Krasil'shchikov, Z.N., Shmidt, N.V., Dontsov, P.M., Candidates of Technical Sciences, Shvach, Ye.K., Pavlenko, N.T., Nechepurenko, S.Ye., Engineers. (Zhdanov)

TITLE: Experimental Industrial Lot of Pipes Made From Thermically Hardened Carbon Steel (Opytnaya promyshlennaya partiya trub iz termicheski uprochnennoy uglerodistoy stali)

PERIODICAL: Stroitel'stvo truboprovodov, 1959, Nr 4, pp 8-11, (USSR)

ABSTRACT: Welded pipes from thermically hardened carbon steel St.3 (sp) were manufactured in accordance with "Temporary technical conditions" approved by the Glavgaz USSR. The work has been carried out by a branch of [illegible] in cooperation with the welding laboratory of [illegible] in the [illegible] zavod imeni Il'icha (Zhdanov Plant imeni Il'ich). Steel sheets 6,300 x 1,750 x 8 mm were rolled from slabs [illegible] mill Trio-Lauta at a starting temperature of [illegible] and a final temperature of 900-1,000°C. The chemical composition is shown in Table Nr 1. During the hardening process the sheets in packages of 5-10 sheets were placed in an oven having a temperature of up to 1,000°C and were heated to a

Card 1/4

temperature of 930 ± 10°C; [illegible] water during 1 minute in a vertical position. [illegible] tempering process consisted in the heating of each [illegible] to a temperature of 540 ± 10°C during [illegible] subsequent cooling by air. In all tested [illegible] tensile strength was 50-60 kg/mm²; yield point [illegible] kg/mm² and relative elongation [illegible] over 1[illegible] after artificial aging, toughness at a temperature of [illegible] 5 m kg/cm²; bending angle was 180°. Ratio of the yield point to temporary tensile strength was [illegible]. After thermal treatment the sheets were subjected to cold dressing in a 7-roller mill during 5-7 minutes and bent to shape in a 4-roller mill, the bending process lasting from 3-5 minutes for each sheet. Automatic welding was done with electrode Rods Sv10GS under flux [illegible] with current of 38-44 v and 750-850 a. After welding the pipes were subjected to cold rolling during 3-5 minutes. Ends of pipes were calibrated and chamfered. In this condition reception tests were made on 4 pipes of the same smelt, to determine mechanical properties of the welded joint and of the fused on metal;

Card 2/4

Results of tests are shown in Table Nr 3. Values of toughness under dynamic tests are shown in Table 4. At room temperature the toughness is [illegible].5-14.0 m kg/cm². The lower the temperature the lower the toughness and the greater the amount of crystalline portions; at -40°C for instance the fracture is almost entirely crystalline and the toughness is 4.0-7.0 m kg/cm². The fused on metal differs from basic metal by a lower toughness under all temperatures. A comparative Graph Nr 1 shows the difference [illegible] strength between basic metal, fused on metal and metal in intermediate zones. Chemical composition of fused on metal is shown in Table Nr 5. At first it appeared as though welded, thermically hardened carbon steel pipes should work out [illegible]ly more expensive than pipes from low-alloy steel of MK [illegible]. Successive improvement of thermal treatment will, [illegible] lower the cost of production of the pipes from St.3(sp) steel, which [illegible] work out [illegible] in the end than the pipes from

Card 3/4

[illegible] grade [illegible] industrial [illegible] 42 [illegible]

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, N. T.

PHASE I BOOK EXPLOITATION SOV/4923

Krasil'shchikov, Zal'man Naftal'yevich, Nikolay Vladimirovich Shmidt, Yevgeniy Nikolaevich Shvach, Nikolay Timofeyevich Pavlenko, and Stepan Yefimovich Nechepurenko

Termicheskoye uprochneniye nezakalivayushcheysya uglerodistoy stali (Thermal Strengthening of Nonhardenable Carbon Steel) Leningrad, Sudpromgiz, 1960. 146 p. 4,200 copies printed.

Scientific Ed.: G. I. Kapyrin; Ed.: R. D. Nikitina; Tech. Ed.: N. V. Erastova.

PURPOSE: This book is intended for technical and scientific personnel of metallurgical plants, scientific research organizations, and laboratories. It may also be useful to students in metallurgical institutes and departments.

COVERAGE: The book reviews problems of attaining by thermal strengthening significant improvement in the mechanical properties of that carbon steel which cannot be quench-hardened. The term "thermal strengthening" is used to distinguish this process from regular

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

VOLOKHVAYNSKAYA, E.S., kand.tekhn.nauk; GLADYREVSKAYA, S.A., kand. tekhn.nauk; KRASIL'SHCHIKOV, Z.N., inzh.; PAVLENKO, N.T., kand.tekhn.nauk

Investigating the thermal hardening of St. 3 steel. Trudy TSNII MPS no.195:162-175 '60. (MIRA 13:9)
(Steel alloys—Heat treatment)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

GEL'FAND, I.S., dots.; PAVLENKO, O., otv. za vypusk.

[Methodological manual on the subject "Differential equations of mathematical physics" for geophysics students] Metodicheskoe posobie po spetsial'nomu razdelu "Differentsial'nye uravneniia matematicheskoi fiziki" dlia studentov-geofizikov. Sverdlovsk, Sverdlovskii gornyi in-t im.V.V.Vakhrusheva, 1962. 38 p. (MIRA 16:8)
(Differential equations) (Mathematical physics)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

KURINNA, N.V.; PAVLENKO, O.F.

Some remarks concerning the program of pharmaceutical chemistry. Farmatsev.zhur. 17 no.4:72-73 '62. (MIRA 16:3)

1. Zaporozhskiy farmatsevticheskiy institut.
(CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

ACCESSION NR: AP4017591 S/0109/64/009/002/0219/0223

AUTHOR: Abramyan, A. A.; Pavlenko, O. G.

TITLE: Spectral and phase-frequency characteristics of pulse zero beats for one particular case

SOURCE: Radiotekhnika i elektronika, v. 9, no. 2, 1964, 219-223

TOPIC TAGS: beats, zero beats, pulse zero beats, beat frequency, zero beat frequency

ABSTRACT: Spectrum and phase-frequency characteristics of time-limited oscillations whose variable frequency passes through zero are theoretically considered. A number of practical cases are analyzed, and the problems of the phase structure involved are discussed. Formulas are given which describe the general case when the difference frequency is $\Omega(t) = \omega_1(t) - \omega_2(t)$ (see Enclosure 1) and passes through zero twice. Orig. art. has: 9 figures and 14 formulas.

ASSOCIATION: none

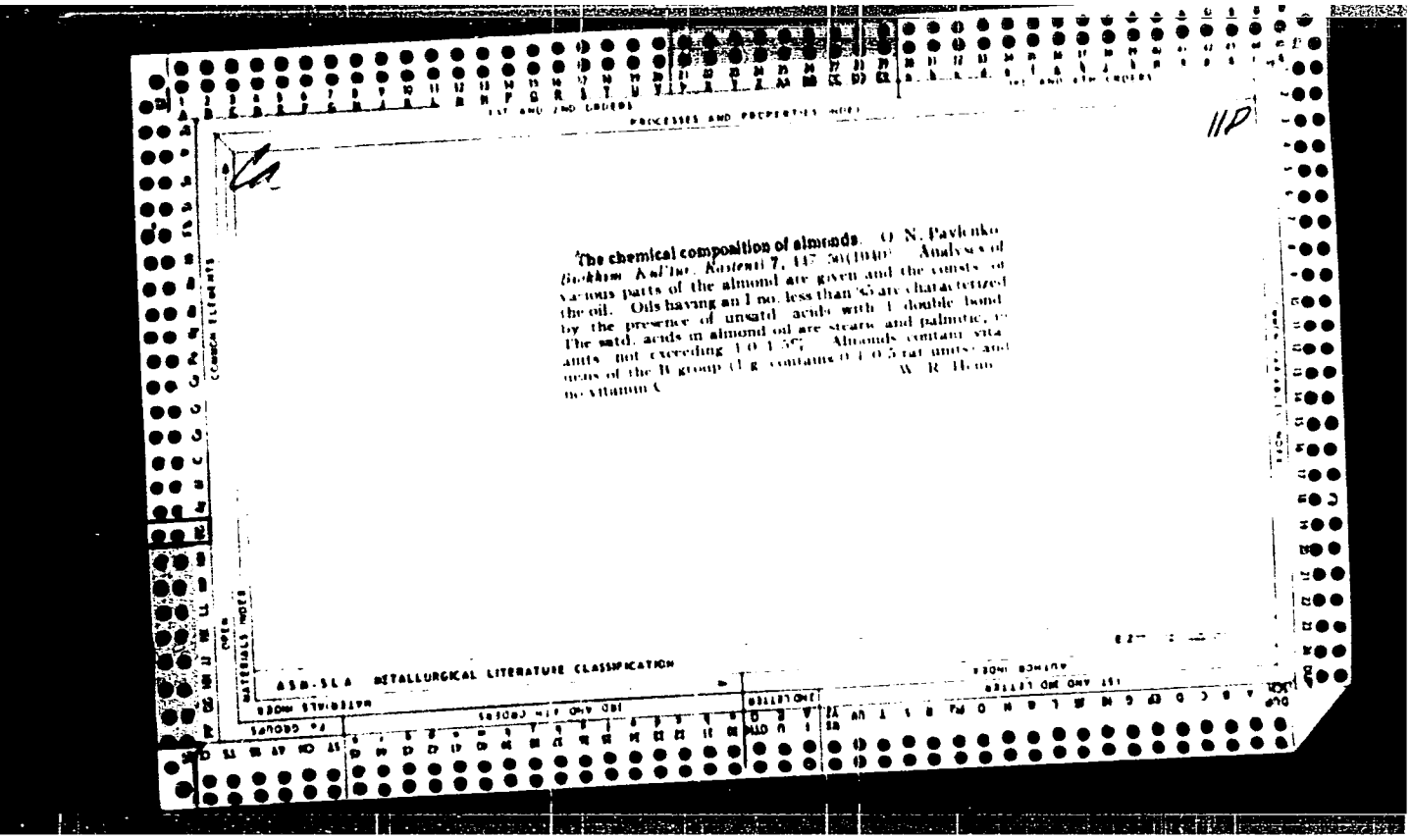
SUBMITTED: 12Jan63 DATE ACQ: 18Mar64 ENCL: 01

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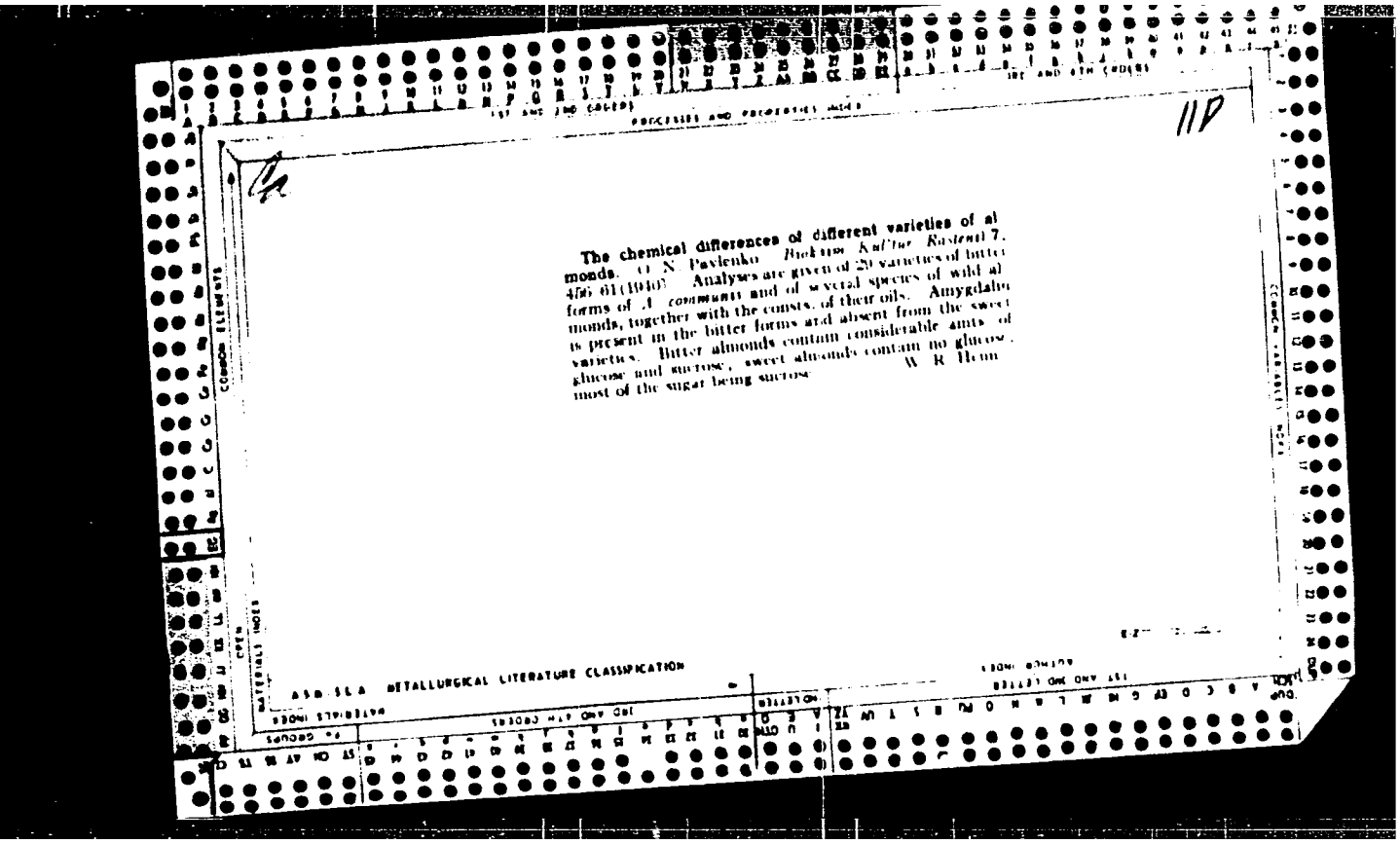
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'The chemical composition of almonds. O. N. Pavlenko. *Biokhim. Zhurnal* 7, 147-50(1940). Analyses of various parts of the almond are given and the constituents of the oil. Oils having an I no. less than 95 are characterized by the presence of unsatd. acids with 1 double bond. The satd. acids in almond oil are stearic and palmitic, in amts. not exceeding 1.0-1.5%. Almonds contain vitamins of the B group (1 g. contains 0.1-0.5 rat units) and no vitamin C. W. R. Horn

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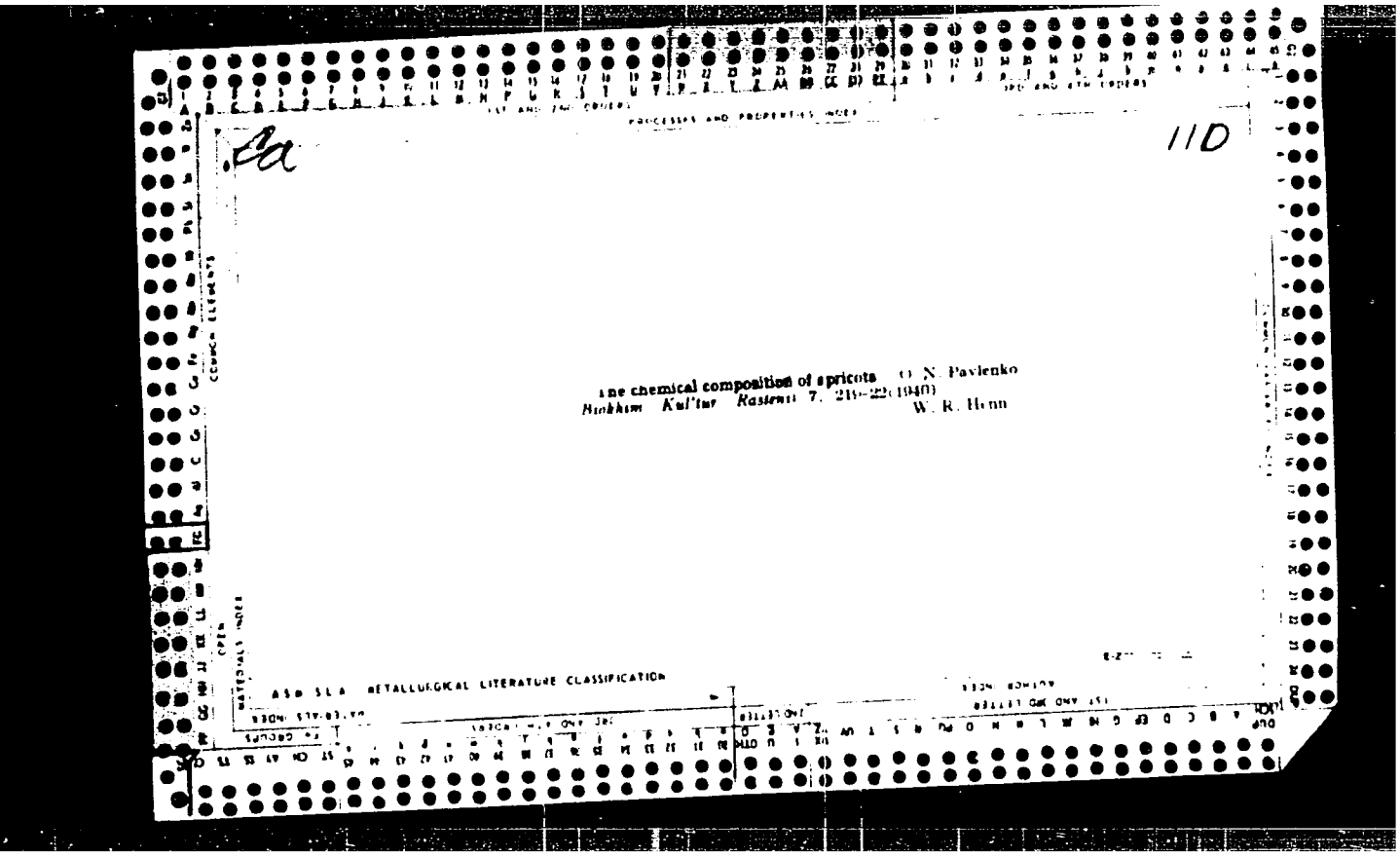
"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5



The chemical differences of different varieties of almonds. O N Pavlenko *Biokhim Kul'tur Rastenii* 7, 456 61(1940) Analyses are given of 20 varieties of bitter forms of *A communis* and of several species of wild almonds, together with the consts. of their oils. Amygdalin is present in the bitter forms and absent from the sweet varieties. Bitter almonds contain considerable amts. of glucose and sucrose, sweet almonds contain no glucose, most of the sugar being sucrose W R Henn

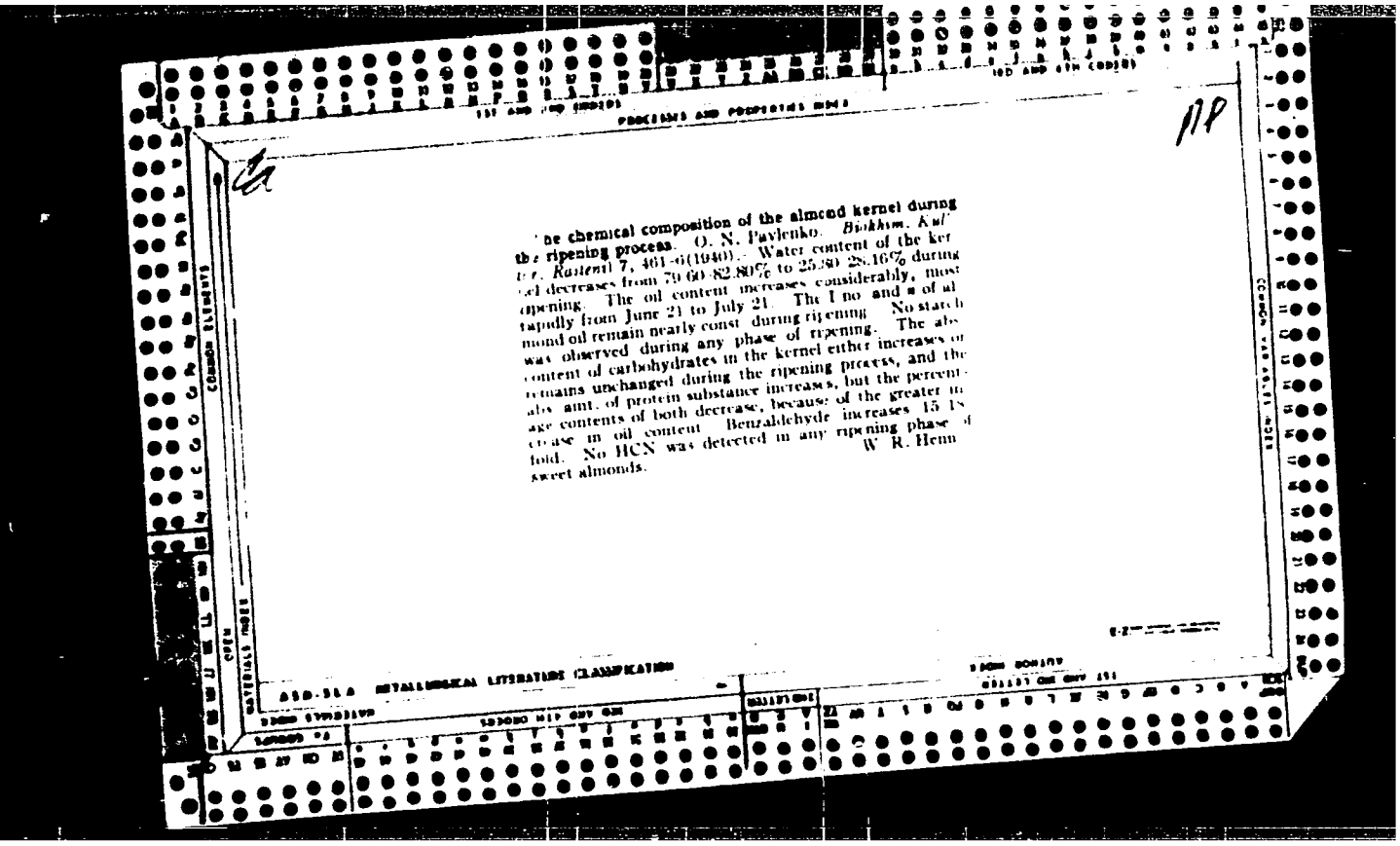
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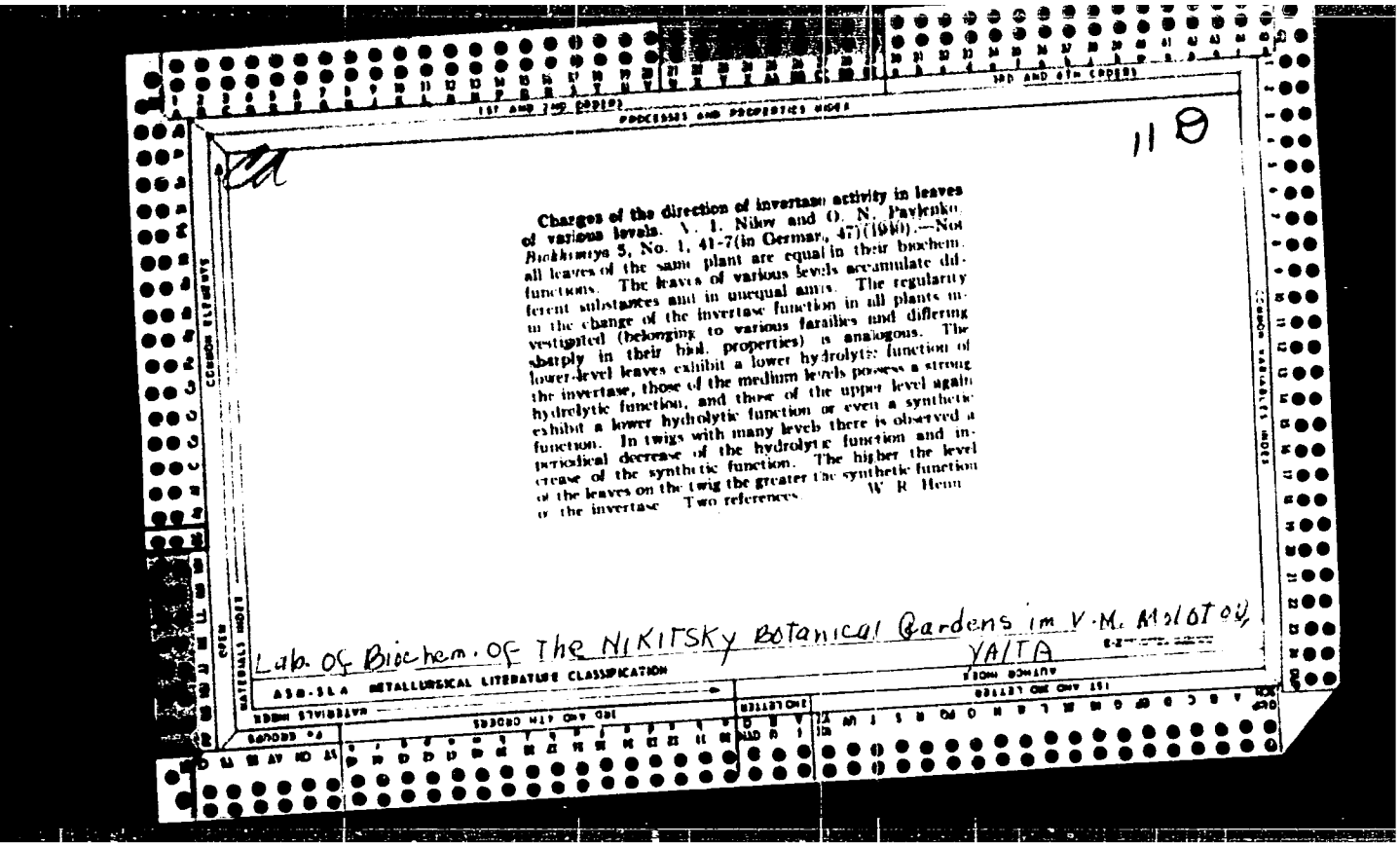


...e chemical composition of the almond kernel during the ripening process. O. N. Pavlenko. *Biokhim. Kul'tur. Rastenii* 7, 461-6(1940). Water content of the kernel decreases from 79.60-82.80% to 25.30-28.16% during ripening. The oil content increases considerably, most rapidly from June 21 to July 21. The I no and n of almond oil remain nearly const during ripening. No starch was observed during any phase of ripening. The absolute content of carbohydrates in the kernel either increases or remains unchanged during the ripening process, and the abs. amt. of protein substance increases, but the percentage contents of both decrease, because of the greater increase in oil content. Benzaldehyde increases 15 1⁸ fold. No HCN was detected in any ripening phase of sweet almonds.

W. R. Henn

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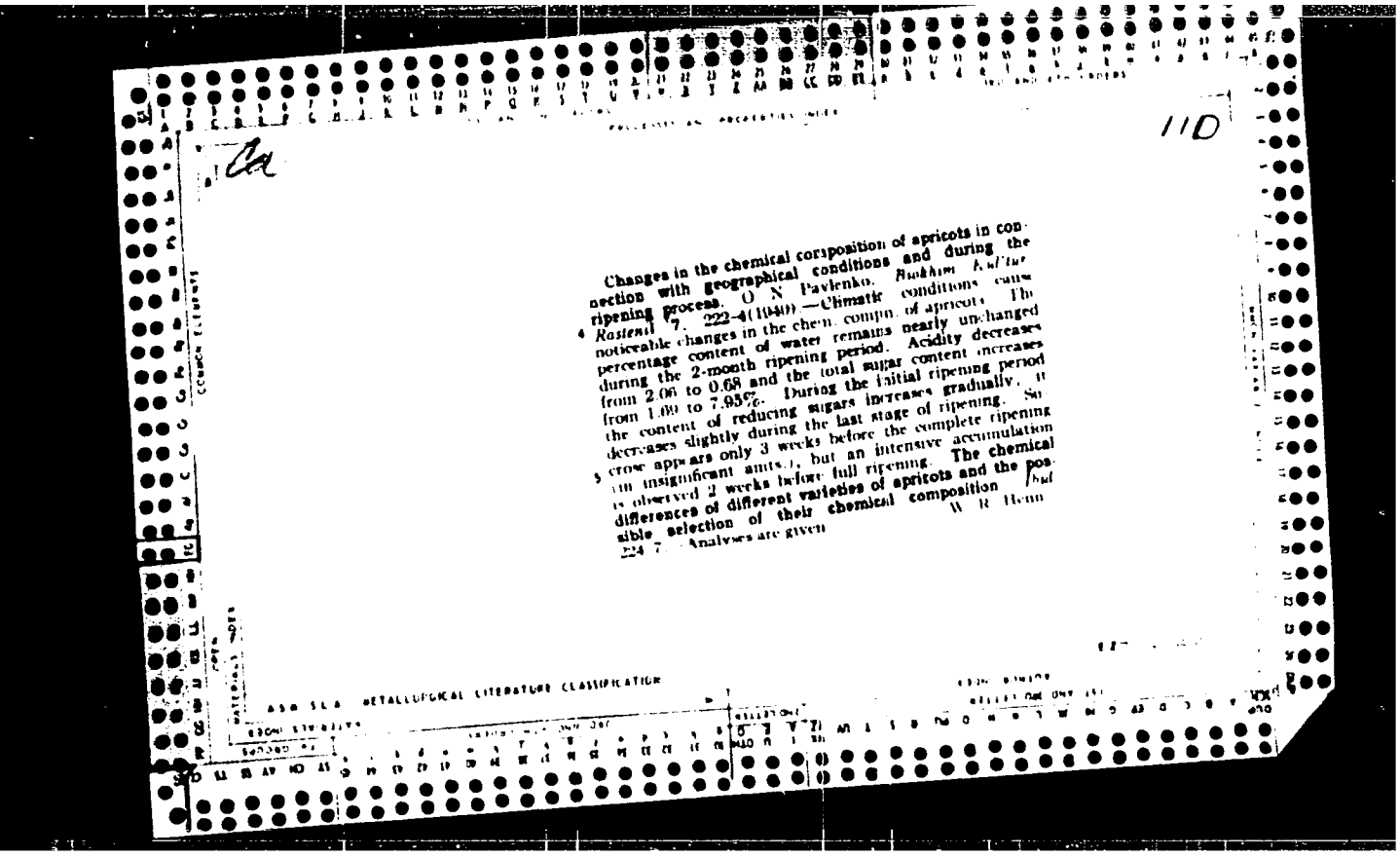
118

Changes of the direction of invertase activity in leaves of various levels. V. I. Nikov and O. N. Pavlenko. *Biokhimiya* 5, No. 1, 41-7(in German, 47)(1940).—Not all leaves of the same plant are equal in their biochem. functions. The leaves of various levels accumulate different substances and in unequal amts. The regularity in the change of the invertase function in all plants investigated (belonging to various families and differing sharply in their biol. properties) is analogous. The lower-level leaves exhibit a lower hydrolytic function of the invertase, those of the medium levels possess a strong hydrolytic function, and those of the upper level again exhibit a lower hydrolytic function or even a synthetic function. In twigs with many levels there is observed a periodical decrease of the hydrolytic function and increase of the synthetic function. The higher the level of the leaves on the twig the greater the synthetic function of the invertase. Two references. W. R. Heun

Lab. of Biochem. of The NIKITSKY Botanical Gardens im V.M. Molotov YALTA

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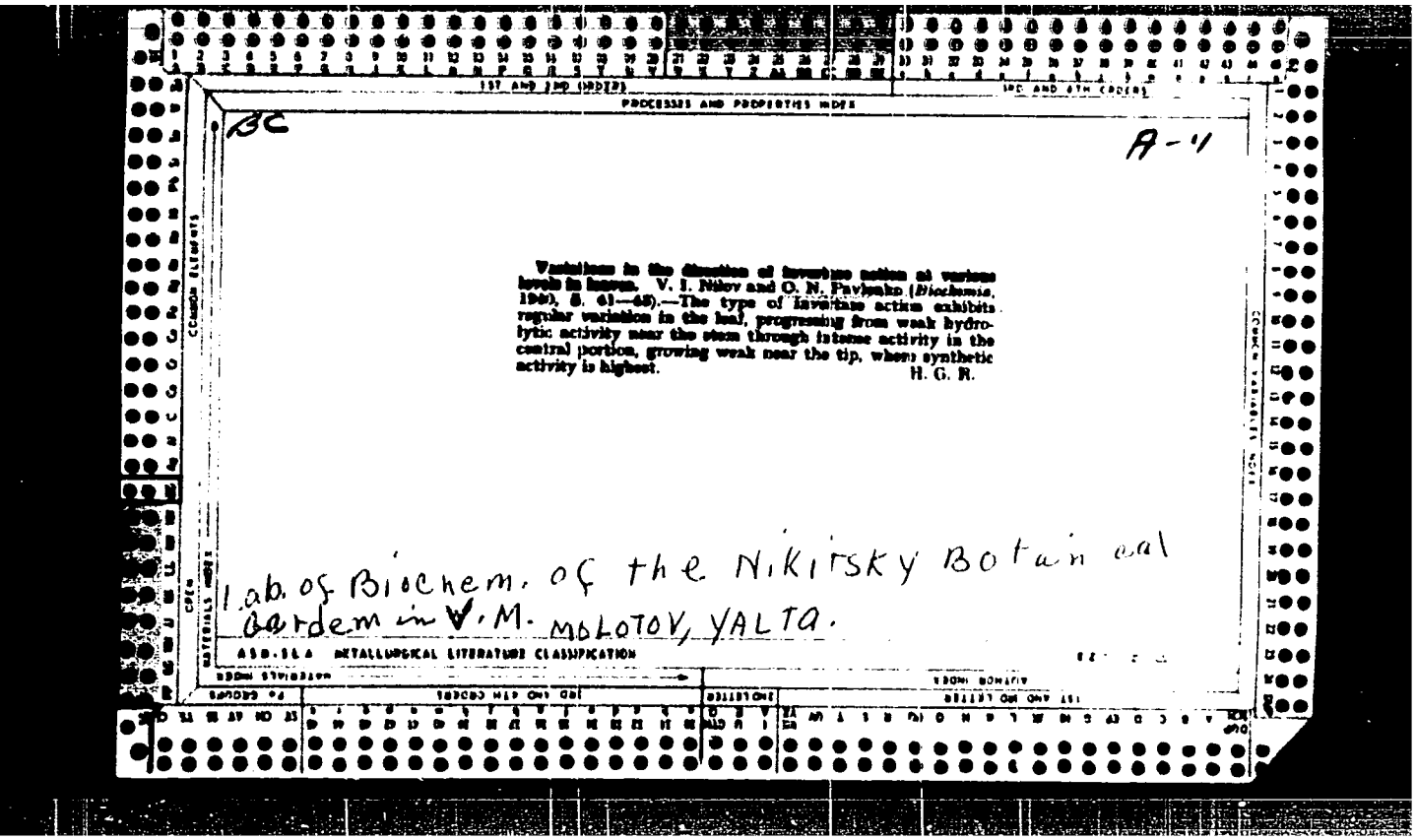
"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5



Changes in the chemical composition of apricots in connection with geographical conditions and during the ripening process. O N Pavlenko. *Biokhim Agrikul'tur Rastenii* 7, 222-4(1940).—Climatic conditions cause noticeable changes in the chem. compn. of apricots. The percentage content of water remains nearly unchanged during the 2-month ripening period. Acidity decreases from 2.06 to 0.68 and the total sugar content increases from 1.09 to 7.95%. During the initial ripening period the content of reducing sugars increases gradually, it decreases slightly during the last stage of ripening. Sucrose appears only 3 weeks before the complete ripening in insignificant amts., but an intensive accumulation is observed 2 weeks before full ripening. The chemical differences of different varieties of apricots and the possible selection of their chemical composition [illegible] W R Henn
224 7 Analyses are given

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BC

A-4

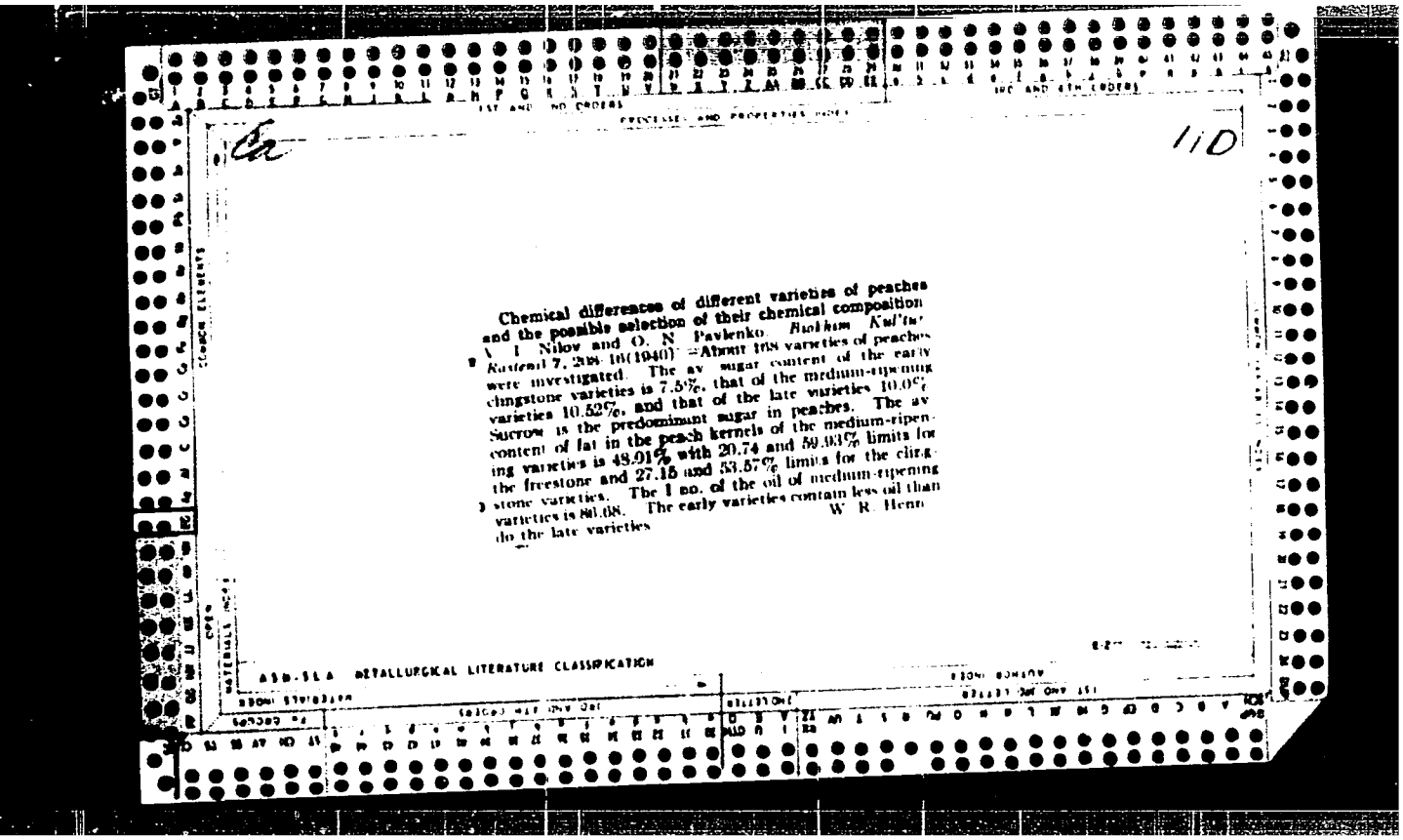
Variations in the direction of invertase action at various levels in leaves. V. I. Nikov and O. N. Pavlenko (*Biochemia*, 1960, 5, 41—48).—The type of invertase action exhibits regular variation in the leaf, progressing from weak hydrolytic activity near the stem through intense activity in the central portion, growing weak near the tip, where synthetic activity is highest.
H. G. R.

Lab. of Biochem. of the Nikitsky Botanical Garden im V. M. MOLOTOV, YALTA.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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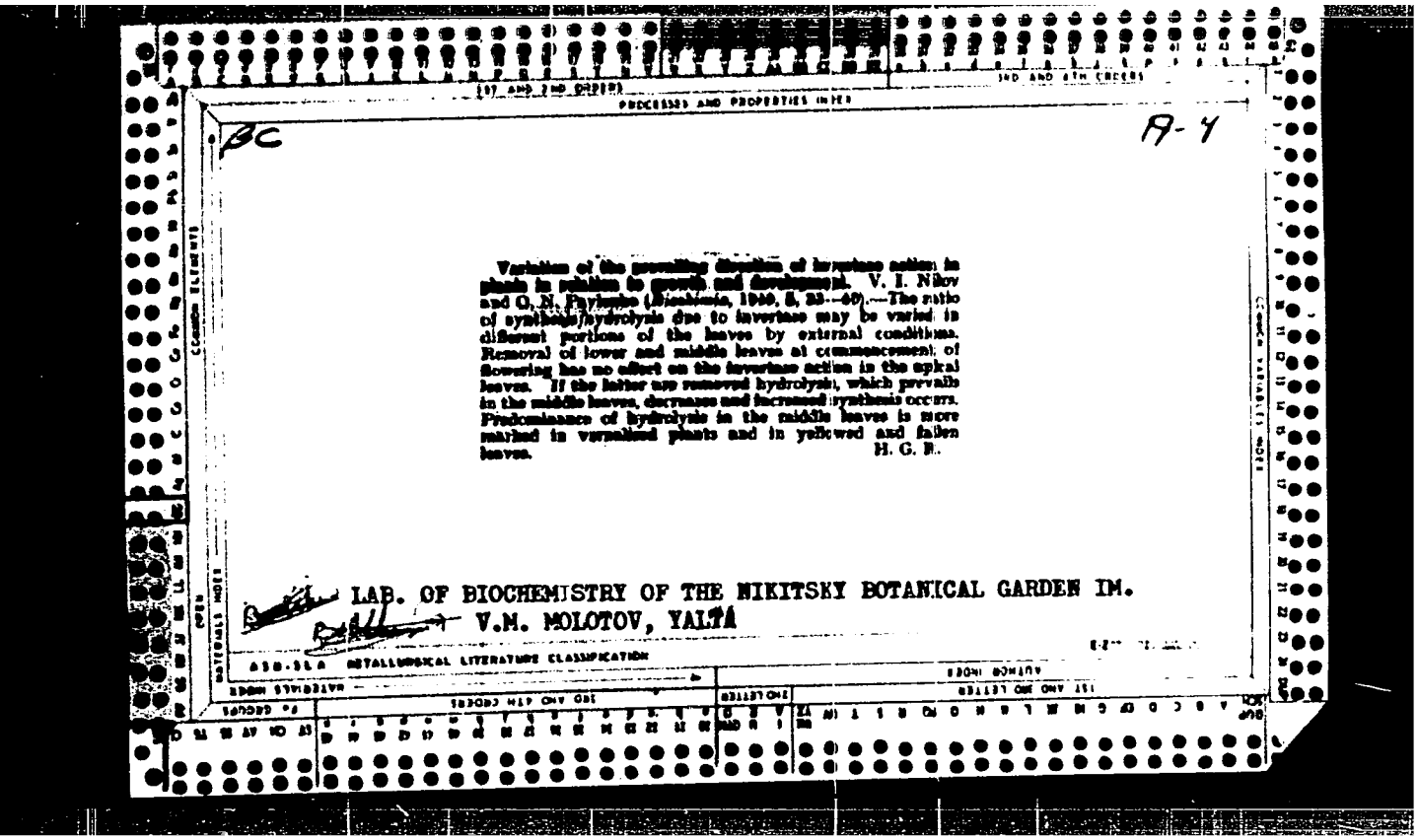
"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5



Chemical differences of different varieties of peaches and the possible selection of their chemical composition I. Nilov and O. N. Pavlenko. *Biokhim. Kul'tur. Rastenii* 7, 293-16(1940).—About 100 varieties of peaches were investigated. The av. sugar content of the early freestone varieties is 7.5%, that of the medium-ripening freestone varieties 10.52%, and that of the late varieties 10.0%. Sucrose is the predominant sugar in peaches. The av. content of fat in the peach kernels of the medium-ripening varieties is 48.91% with 20.74 and 59.03% limits for the freestone and 27.15 and 53.57% limits for the cling-stone varieties. The I no. of the oil of medium-ripening varieties is 86.08. The early varieties contain less oil than do the late varieties. W. R. Henn

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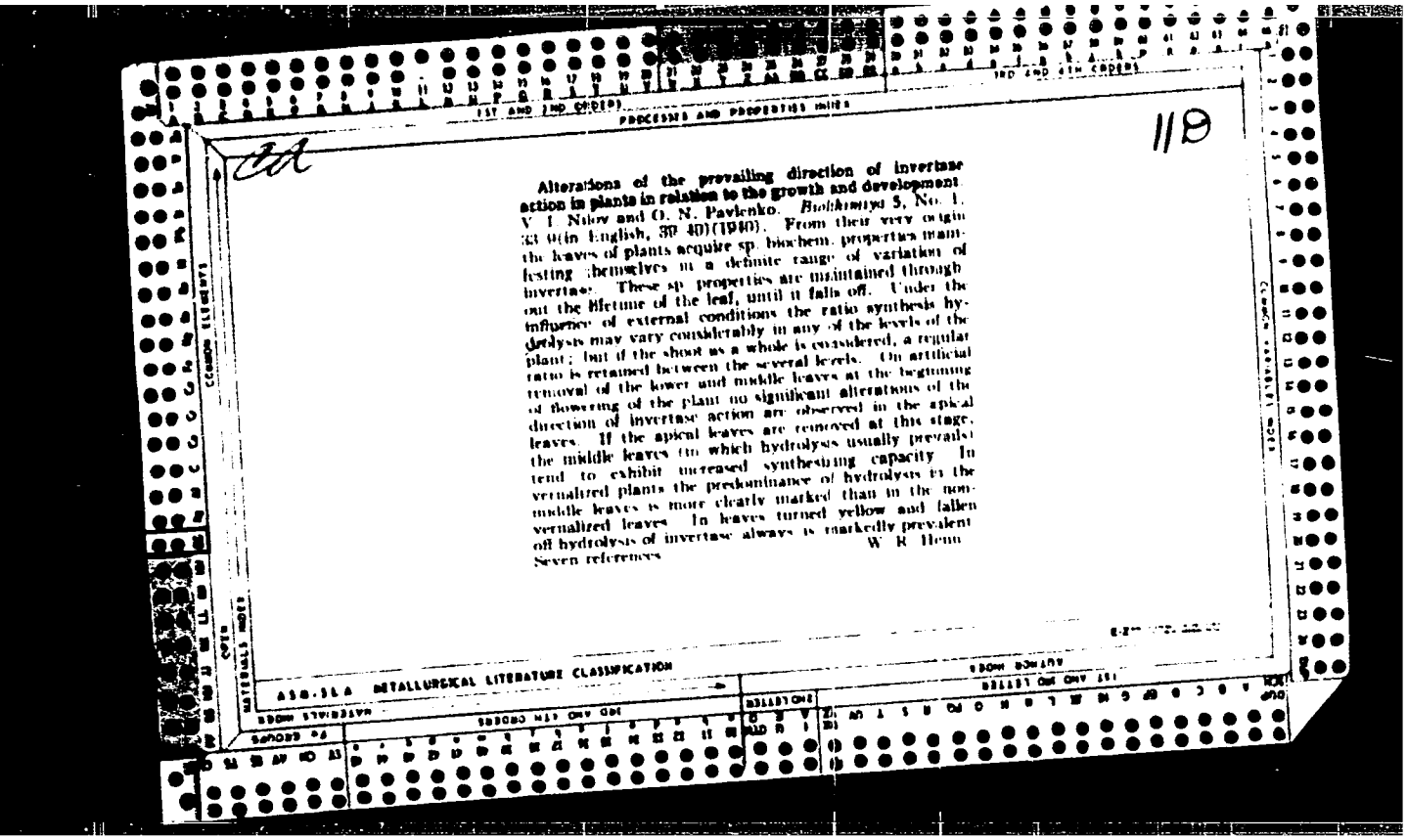
A-4

Variation of the prevailing direction of invertase action in plants in relation to growth and development. V. I. Nikov and O. N. Paylenko (Biokhimiia, 1950, 5, 33--40).—The ratio of synthesis/hydrolysis due to invertase may be varied in different portions of the leaves by external conditions. Removal of lower and middle leaves at commencement of flowering has no effect on the invertase action in the apical leaves. If the latter are removed hydrolysis, which prevails in the middle leaves, decreases and increased synthesis occurs. Predominance of hydrolysis in the middle leaves is more marked in vernalized plants and in yellowed and fallen leaves. H. G. B.

LAB. OF BIOCHEMISTRY OF THE NIKITSKY BOTANICAL GARDEN IM. V.M. MOLOTOV, YALTA

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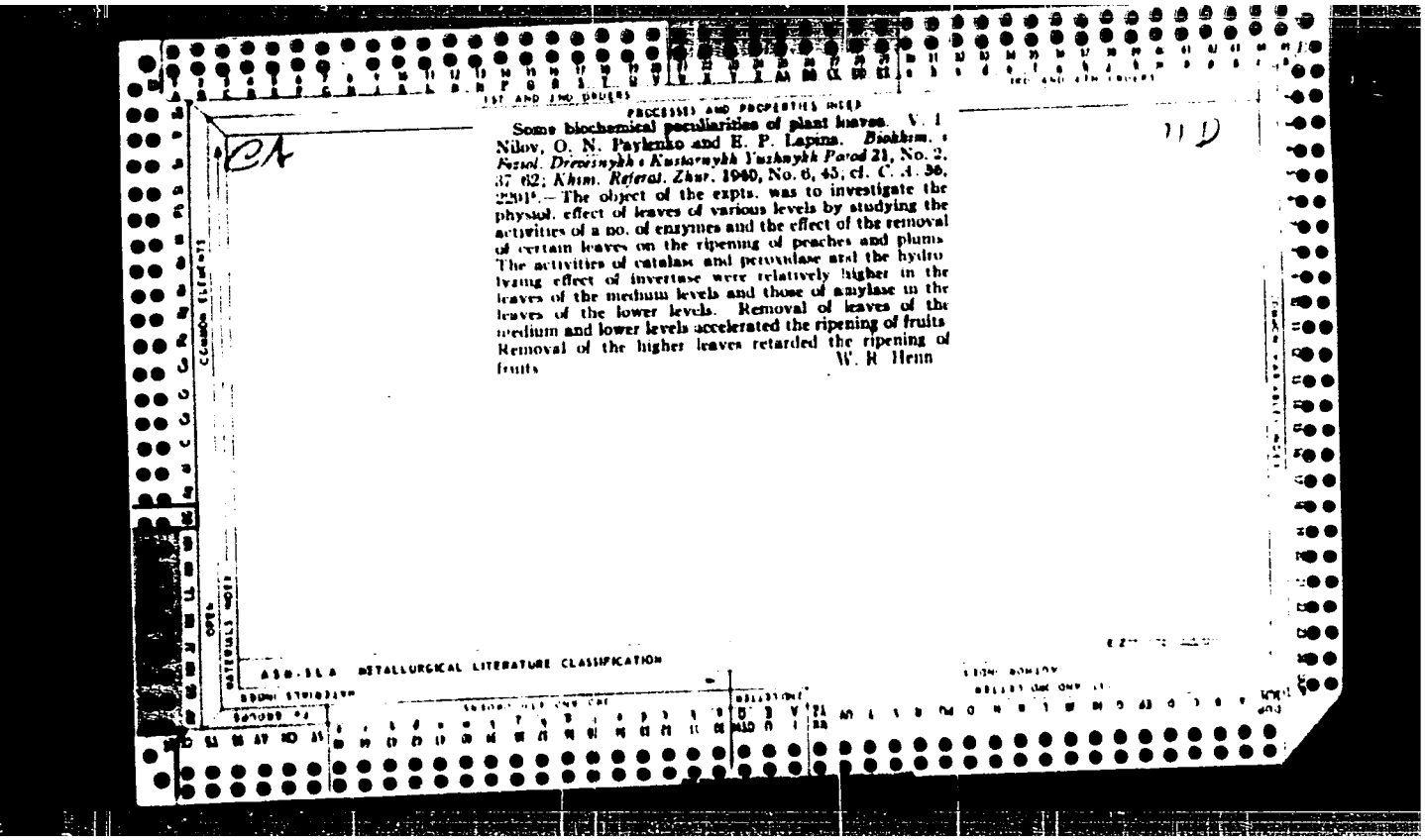
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Alterations of the prevailing direction of invertase action in plants in relation to the growth and development. V. I. Nilov and O. N. Pavlenko. *Biokhimiya* 5, No. 1, 33-9(in English, 39-40)(1940). From their very origin the leaves of plants acquire sp. biochem. properties manifesting themselves in a definite range of variation of invertase. These sp. properties are maintained through out the lifetime of the leaf, until it falls off. Under the influence of external conditions the ratio synthesis-hydrolysis may vary considerably in any of the levels of the plant; but if the shoot as a whole is considered, a regular ratio is retained between the several levels. On artificial removal of the lower and middle leaves at the beginning of flowering of the plant no significant alterations of the direction of invertase action are observed in the apical leaves. If the apical leaves are removed at this stage, the middle leaves (in which hydrolysis usually prevails) tend to exhibit increased synthesizing capacity. In vernalized plants the predominance of hydrolysis in the middle leaves is more clearly marked than in the non-vernalized leaves. In leaves turned yellow and fallen off hydrolysis of invertase always is markedly prevalent. Seven references. W. R. Henn

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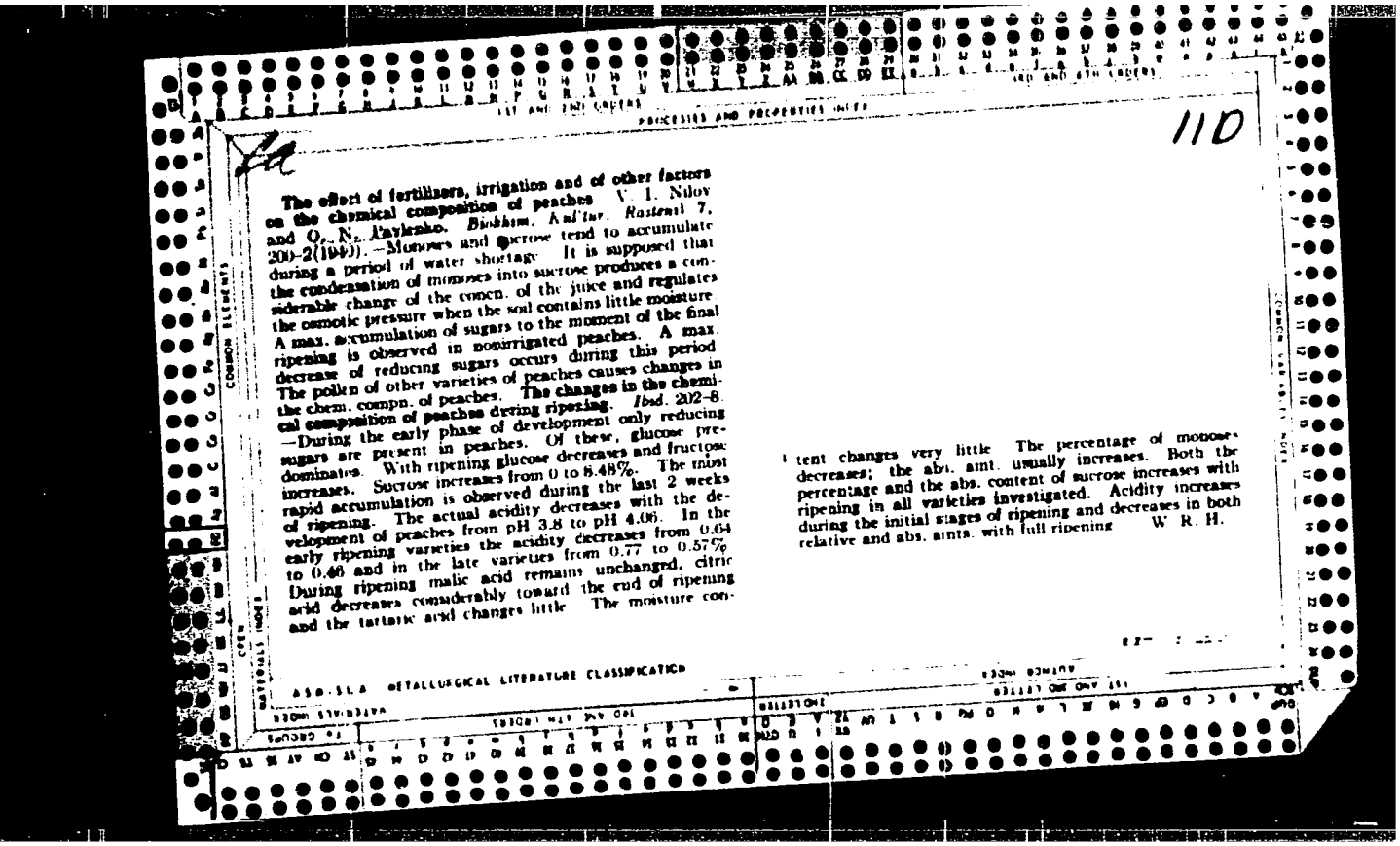
"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5



Some biochemical peculiarities of plant leaves. V. I Nilov, O. N. Paylenko and E. P. Lapina. *Biokhim. i Fiziol. Drevesnykh i Kustarnykh Porod* 21, No. 2, 37-62; *Khim. Referat. Zhur.* 1940, No. 6, 45; cf. C. A. 36, 2301⁸.—The object of the expts. was to investigate the physiol. effect of leaves of various levels by studying the activities of a no. of enzymes and the effect of the removal of certain leaves on the ripening of peaches and plums. The activities of catalase and peroxidase and the hydrolyzing effect of invertase were relatively higher in the leaves of the medium levels and those of amylase in the leaves of the lower levels. Removal of leaves of the medium and lower levels accelerated the ripening of fruits. Removal of the higher leaves retarded the ripening of fruits. W. R. Henn

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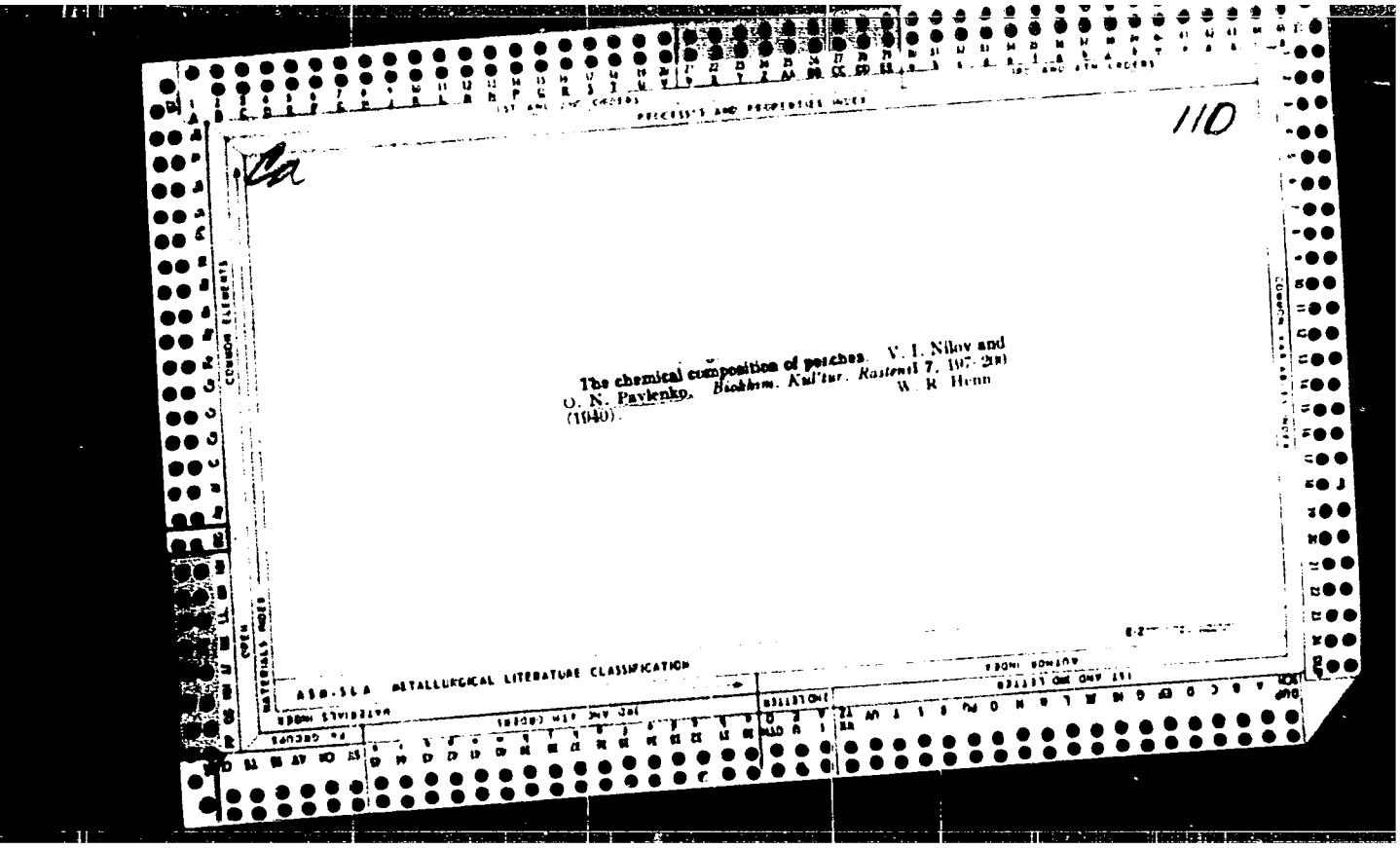


110

The effect of fertilizers, irrigation and of other factors on the chemical composition of peaches V. I. Nilov and O. N. Kaylenko. *Biokhim. Kul'tur. Rastenii* 7, 200-2(1940).—Monoses and sucrose tend to accumulate during a period of water shortage. It is supposed that the condensation of monoses into sucrose produces a considerable change of the concn. of the juice and regulates the osmotic pressure when the soil contains little moisture. A max. accumulation of sugars to the moment of the final ripening is observed in nonirrigated peaches. A max. decrease of reducing sugars occurs during this period. The pollen of other varieties of peaches causes changes in the chem. compn. of peaches. **The changes in the chemical composition of peaches during ripening.** *Ibid.* 202-8.—During the early phase of development only reducing sugars are present in peaches. Of these, glucose predominates. With ripening glucose decreases and fructose increases. Sucrose increases from 0 to 8.48%. The most rapid accumulation is observed during the last 2 weeks of ripening. The actual acidity decreases with the development of peaches from pH 3.8 to pH 4.06. In the early ripening varieties the acidity decreases from 0.64 to 0.46 and in the late varieties from 0.77 to 0.57%. During ripening malic acid remains unchanged, citric acid decreases considerably toward the end of ripening and the tartaric acid changes little. The moisture content changes very little. The percentage of monoses decreases; the abs. amt. usually increases. Both the percentage and the abs. content of sucrose increases with ripening in all varieties investigated. Acidity increases during the initial stages of ripening and decreases in both relative and abs. amts. with full ripening. W. R. H.

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RAZUMOVICH, M.B.; KHANIN, M.L.; KAZAKEVICH, Ye.I.; PAVLENKO, O.P.; YERYSHEV, A.V.

Effect on the photographic emulsion of the volatile products of tissue decomposition occurring during inflammatory processes. Zhur. nauch. i prikl. fot. i kin. 9 no.1:60-61 Ja-F'64. (MIRA 17:2)

1. Pedagogicheskiy institut imeni A.S. Pushkina, Brest.

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L 15297-65 EPA(s)-2/EWT(m)/EPF(c)/EPR/EWP(j)/T Pc-4/Pr-4/Ps-4/Pt-10
ACCESSION NR: AP4047672 RAEM(i) WW/RM S/0303/64/000/005/0005/0007

AUTHOR: Shibalovich, V. S., Okhrimenko, I.S., Pavlenko, O.S. B

TITLE: Anticorrosion undercoatings based on the degradation products of divinylstyrene SKS-30 copolymer

SOURCE: Lakokrasochny*ye materialy* i ikh primeneniye, no. 5, 1964, 5-7

TOPIC TAGS: anticorrosion coating, divinylstyrene copolymer, iron minium, chrome yellow, polymer coating/SKS-30 copolymer

ABSTRACT: The results of an investigation of the thermal oxidative degradation products of the divinylstyrene copolymer SKS-30 as a film-forming anticorrosive coating are discussed. The effect of iron minium and chrome yellow on the physico-mechanical properties of the coatings were studied, pigments and fillers being used at the ratio used for the known No. 138 paint coating. The coatings (40-50 μ thick) were hardened at 150C for 60 min. after a preliminary drying. The properties of the films and coatings, plotted in relation to the volume concentration of iron minium and chrome yellow, show that 20% by volume of iron minium gives the highest strength (300 kg/cm^3) and hardness at a minimum vapor permeability. Maximum adhesion was found at 10% (by volume) of filler content. Chrome

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ACCESSION NR: AP4047672

yellow improved only the anticorrosiveness. Coatings pigmented with iron minium (in contrast to chrome yellow) also have a high impact strength (50 kg·cm) and a good elasticity (1 mm). For comparison, the physico-mechanical properties of coatings made with a mixture of pigments (talc) used for No. 138 coatings are also plotted and properties such as hardness, bending strength, impact strength, adhesion, vapor permeability, elongation, water repellency and resistance to alkali and moisture are tabulated. The best properties were obtained with coatings containing 15-20 vol. % of the mixture of pigments also contained in the No. 138 base coating. As compared to the standard anticorrosive coatings (No. 138 and GF-020), the new type of coating gives no rise to difficulties in the technological process and makes it possible to save 100 kg of vegetable oil for 1 ton of product. The new oil-free coating is in no way inferior to the standard oil-containing coating No. 138 (at the same amount of fillers) and surpasses it in adhesive, anticorrosive and other properties. Orig. art. has: 1 table and 3 figures.

ASSOCIATION: None

SUBMITTED: 00 ENCL: 00 SUB CODE: MT, OC

NO REF SOV: 005 OTHER: 004

Card 2/2

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, P.A., dotsent (Leningrad)

Radiometric method for studying skin temperature. Klin.med 36 no.4:107-113 Ap'58 (MIRA 11:5)

1. Iz kliniki khirurgii dlya usovershenstvovaniya vrachey No.2 (nach. - prof. I.D. Zhitnyuk) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(BODY TEMPERATURE,
skin thermometry, radiometric method (Rus))

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, P.A., dotsent

Value of arteriography in determining the level of amputation of extremities in arteriosclerosis obliterans. Nov. khir. arkh. no.5: 71-75 S-O '60. (MIRA 14:12)

1. Klinika khirurgii dlya usovershenstvovaniya vrachey No.2 (nachal'nik - prof. I.D.Zhitnyuk) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(ARTERIOSCLEROSIS) (AMPUTATION)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, P.A., dotsent

Thermoradiometric method for determining the level of amputation in patients with injuries and diseases of the blood vessels of the extremities. Ortop., travm.i protez. no.5:6-12 '61. (MIRA 14:8)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey No.2 (nach. - prof. I.D. Zhitnyuk) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.
(EXTREMITIES (ANATOMY)--BLOOD SUPPLY) (AMPUTATION)
(BLOOD VESSELS--DISEASES)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, P.A., dotsent

Diprophen treatment endarteritis obliterans in the polyclinic.
Sov. med. 25 no.10:105-109 O '61. (MIRA 15:1)

1. Iz kliniki khirurgii dlya usovershenstvovaniya vrachey No.2 (nachal'nik - prof. I.D.Zhitnyuk) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(ARTERIES--DISEASES) (DIPROPHEN)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, P.A.; KRIVORUCHKO, V.D.; KRYNSKAYA, N.B.

Blood sugar in gastric cancer patients. Sov.med. 26 no.8:63-67 Ag '62. (MIRA 15:10)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey No. 2 (nachal'nik - prof. I.D.Zhitnyuk) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(BLOOD SUGAR) (STOMACH--CANCER)

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L 10596-65 EWT(l)/EWA(h) Peb APWL/RAEM(t)

ACCESSION NR: AP4047478 S/0120/64/000/005/0146/0148

AUTHOR: Pavlenko, P. D.

TITLE: Transistorized trigger circuits 15 B

SOURCE: Pribory* i tekhnika eksperimenta, no. 5, 1964, 146-148

TOPIC TAGS: trigger, trigger circuit, transistorized trigger circuit

ABSTRACT: Three modifications of transistorized trigger circuits are briefly described. A conventional trigger circuit with an added square-loop ferrite is more flexible, easily matches (on the input) with other circuits, is less sensitive to supply-voltage variation, and has a higher input-noise immunity; the circuit tolerates a collector-voltage variation within 7—20 v. Another trigger circuit permits a continuous adjustment of the pulse duration without affecting the d-c transistor operation; the circuit includes an emitter follower; the pulse duration is adjustable within 20—2,600 microsec. A modification of this circuit employs

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L 10596-65

ACCESSION NR: AP4047478

two series-connected time-setting capacitors; the pulse duration is adjustable within 15—2,000 microsec. Orig. art. has: 3 figures.

ASSOCIATION: none

SUBMITTED: 19Oct63 DATE ACQ: 00 ENCL: 00

SUB CODE: EC NO REF SOV: 003 OTHER: 000

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APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

GOLUB, V.S.; LEVKOVSKIY, P.I., PAVLENKO, [illegible]

Transformer-key device for the pickup of pulses from Geiger counters. Prib. i tekh. eksp. [illegible] No. [illegible].
(MIRA [illegible])

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, Petr Il'ich; BRAGINSKIY, V.B., red.; VERES, L.F., red.; BRUDNO, K.F., tekhn. red.

[Pulse counting chronometer] Schetno-impul'snyi [redacted] metr. Moskva, Fizmatgiz, 1963. 315 p. (MIRA 17:3)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

L 27290-65 FSP(h)/FSS-2/EWT(1)/FS(v)-3/EEC(k)-2/EWG(v)/EWA(c)/T/EED(b)-3
Pn-4/Pe-5/Pi-4/Pae-2 IJP(c) GW
ACCESSION NR: AT5003772 S/2816/63/000/036/0030/0031

58
39
B+1

AUTHOR: Pavlenko, P. P.

TITLE: Results of photographic observation

SOURCE: AN SSSR. Astronomicheskiy sovet. Byulleten' stantsiy opticheskogo nablyudeniya iskusstvennykh sputnikov Zemli, no. 36, 1963, 30-31

TOPIC TAGS: artificial satellite, satellite tracking camera, satellite track analysis/ satellite 1960 β_1, camera NAFA 3s/25, Ural 1 computer

ABSTRACT: Observations were made on the satellite 1960 β_1 in September and December 1960 and in February, April, and May 1961. Observations were made by means of a NAFA-3s/25 camera. Computations were based on two sets of three reference stars, using the Kiselev method and the Ural-1 computer at Kharkov State University. Observation times were reduced to standard time. The published coordinates are accurate to a time of ±0^s.01 and to a position of ±3-5". Observations and computations were made by P. P. Pavlenko. Measurements were made by P. P. Pavlenko and V. Ye. Chebotarev. Results of 34 observations are presented in a table, partially reproduced on the Enclosure. Orig. art. has: 1 table.

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L 27290-65

ACCESSION NR: AT5003772

ASSOCIATION: Astronomicheskaya observatoriya Khar'kovskogo Universiteta (Stantsiya No. 1060) (Astronomical Observatory of Kharkov University (Station No. 1060))

SUBMITTED: 30Jul63 ENCL: 01 SUB CODE: SV, DC

NO REF SOV: 000 OTHER: 000

Card 2/3

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L 27290-65

ACCESSION NR: AT5003772

ENCLOSURE: 01

Astronomical Observatory of Kharkov University
(Station No. 1060)

No.	Date	U. T.	α 1950	δ 1950
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		1960 ι_1		
1.	1960 September 6	$11^h 18^m 55^s.035$	$17^h 24^m 30^s.1$	$+ 24^\circ 33' 13''$
.....				
34.	1961 May 17	21 34 10.996	15 02 51.6	+ 03 51 35

Card 3/3

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L 11035-66 EWT(l)/FS(v)-3/EI:C(k)-2/EWA(d)/T IJP(c)

ACC NR: AR6000417 SOURCE CODE: UR/0271/65/000/009/A083/A083

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 9A635

66 B

AUTHOR: Pavlenko, P. P.

TITLE: Operation of the NAFA-3s/25 camera shutter and the accuracy of determining the observation time of an artificial Earth satellite at the Khar'kov Station

CITED SOURCE: Byul. st. optich. nablyudeniya iskusstv. sputnikov Zemli, no. 40, 1964, 16-17

TOPIC TAGS: artificial Earth satellite, artificial satellite observation

TRANSLATION: A method is described of testing a NAFA-3s/25 camera by means of an EMO-1 oscilliograph equipped with a quartz calibrator at the Khar'kov Satellite Observation Station in 1963.

SUB CODE: 17 22/ 12

HW

Card 1/1 UDC: 629.197.6.001.4

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

BORODIN, F.A.; GERASIMENKO, M.A.; PAVLENKO, P...; ALEKSEYEV, V.N.

Miners are fighting for the fulfillment of the [illegible] ahead of time. Ugol' 39 no.11:11-17 N '64.

(MIRA 18:1)

1. Glavnyy inzh. Lisichanskogo tresta ugol'noy promyshlennosti Ministerstva ugol'noy promyshlennosti SSSR (for Borodin).
2. Shakhta No.13 tresta Kiselevskugol' (for Gerasimenko, Pavlenko, Alekseyev).

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

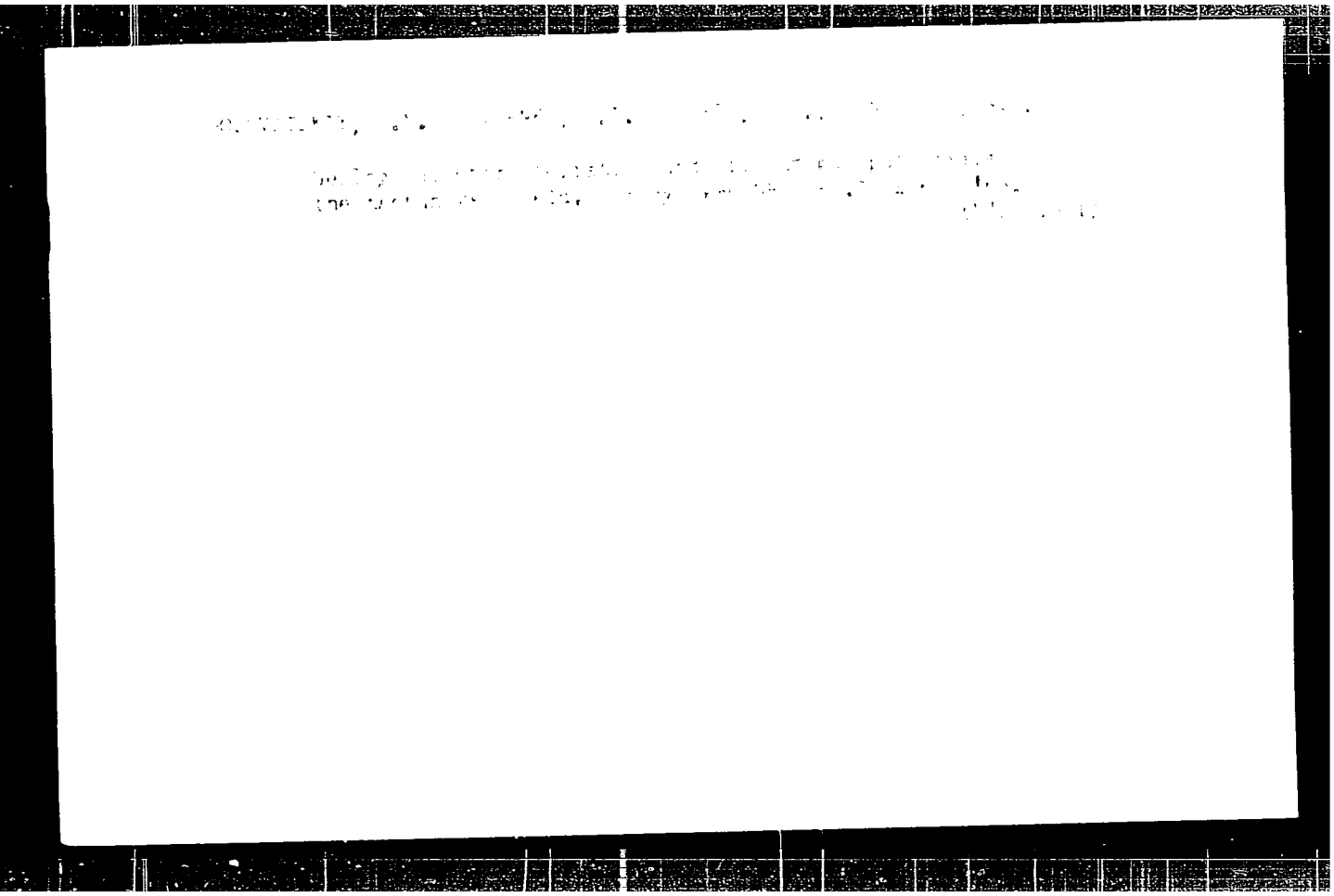
BLANK, M.I.; PAVLENKO, P.T.; PALETS, L.S.; SINICHKA, A.M.; CHERPAK, S.Ye.

Certain regularities in the distribution of oil and gas pools in the Dnieper-Donets Lowland. Geol. nefti i gaza 8 no.4: 9-16 Ap '64. (MIRA 17:6)

1. Trest Poltavneftegazrazvedka.

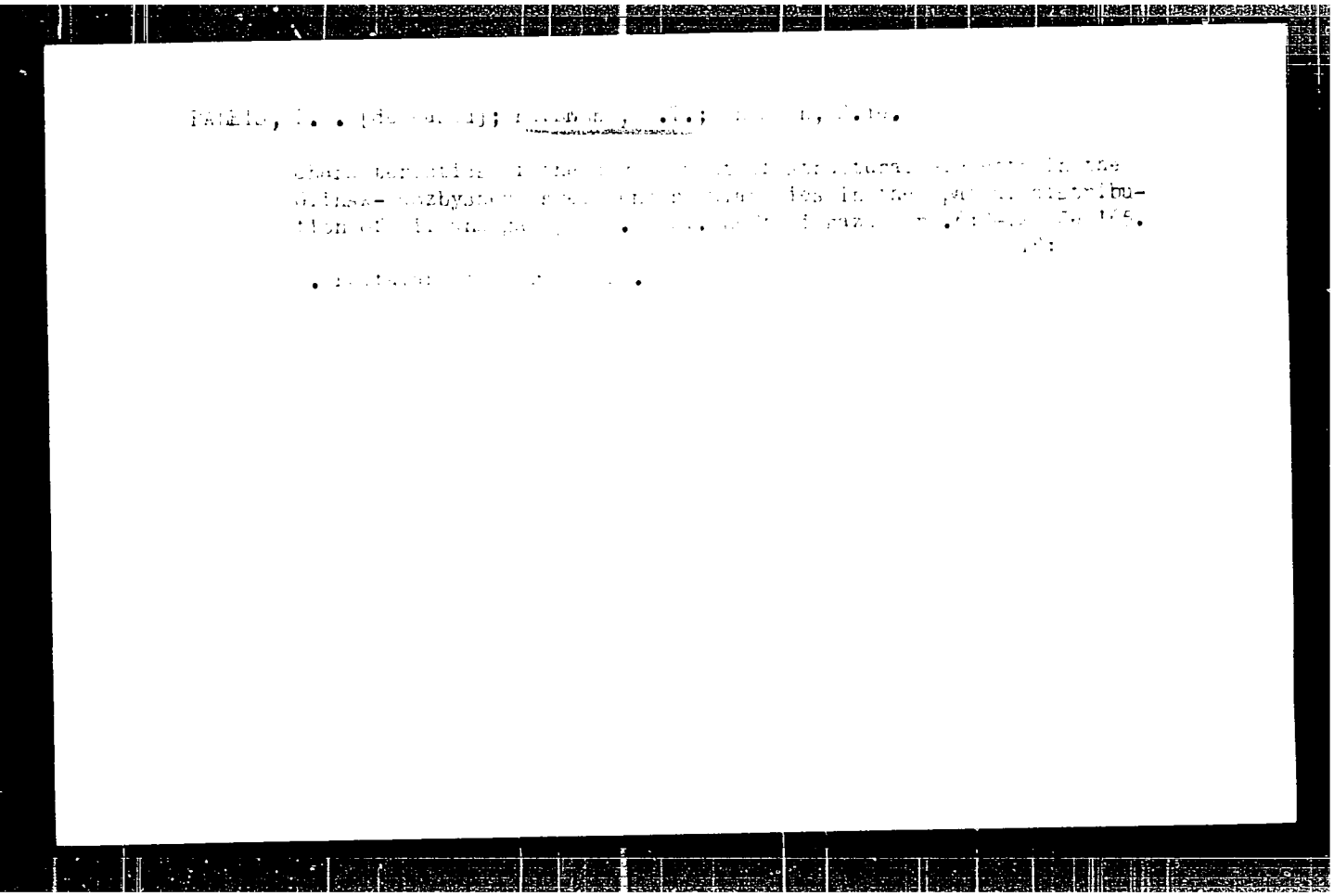
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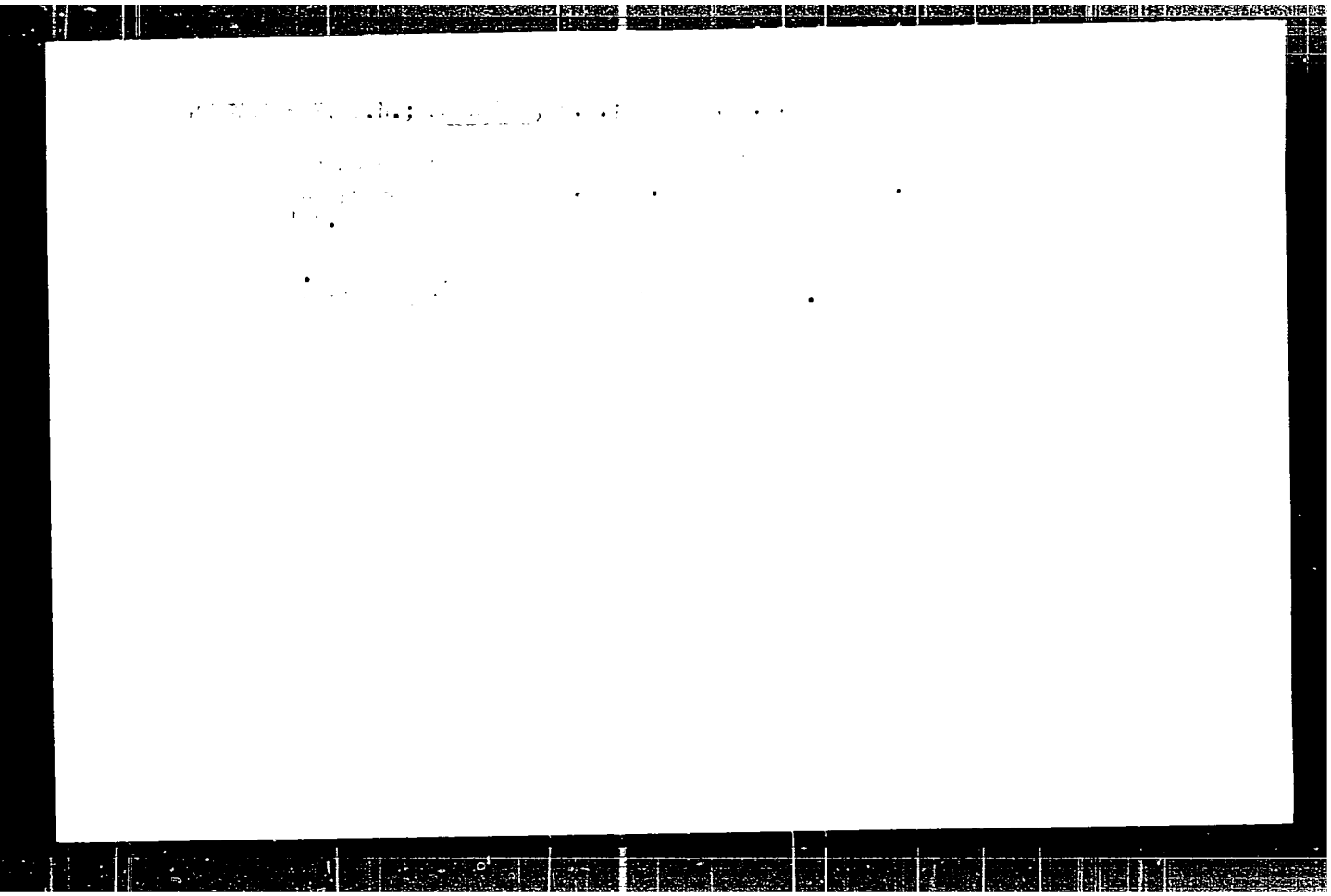
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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

RASSADKIN, I. (Moskva); PAKITYANSKIY, V. (Moskva); YEROSHKIN, V. (Moskva); KONCHAYEV, B. (Leningrad); PARADA, V. (Uzbekskaya SSR); YADRENNIKOV, G. (Kurganskaya obl.); KRYLOV, Ye., (Temir-Tau); PAN'KO (Krasnoyarsk); BALASHOV, V. (Komsomol'sk-na-Amure); PAVLENKO, S. (Rubtsovsk); TOKOYEV, N. (Kirgizskaya SSR); ANDRIYENKO, A. (Perm'); TEREKHOV (Tula); KAZAKOV, M. (Baku); TALBAYEV (Aktyubinskaya obl.); KOPTEVA, T. (Khar'kov); CHERKASHIN, I. (Izhevsk); BEZDETKO, V. (Alma-Ata); BURKOV (Kurganskaya obl.); KARPOV A. (Krasnodar); BOGDANOV (Ivanovo); SOZINOV, M. (Gor'kiy)

Is there a need for external fire escape stairs? Pozh.delo 8 no.7:26-27 Jl '62. (MIRA 15:8)

(Fire escapes)

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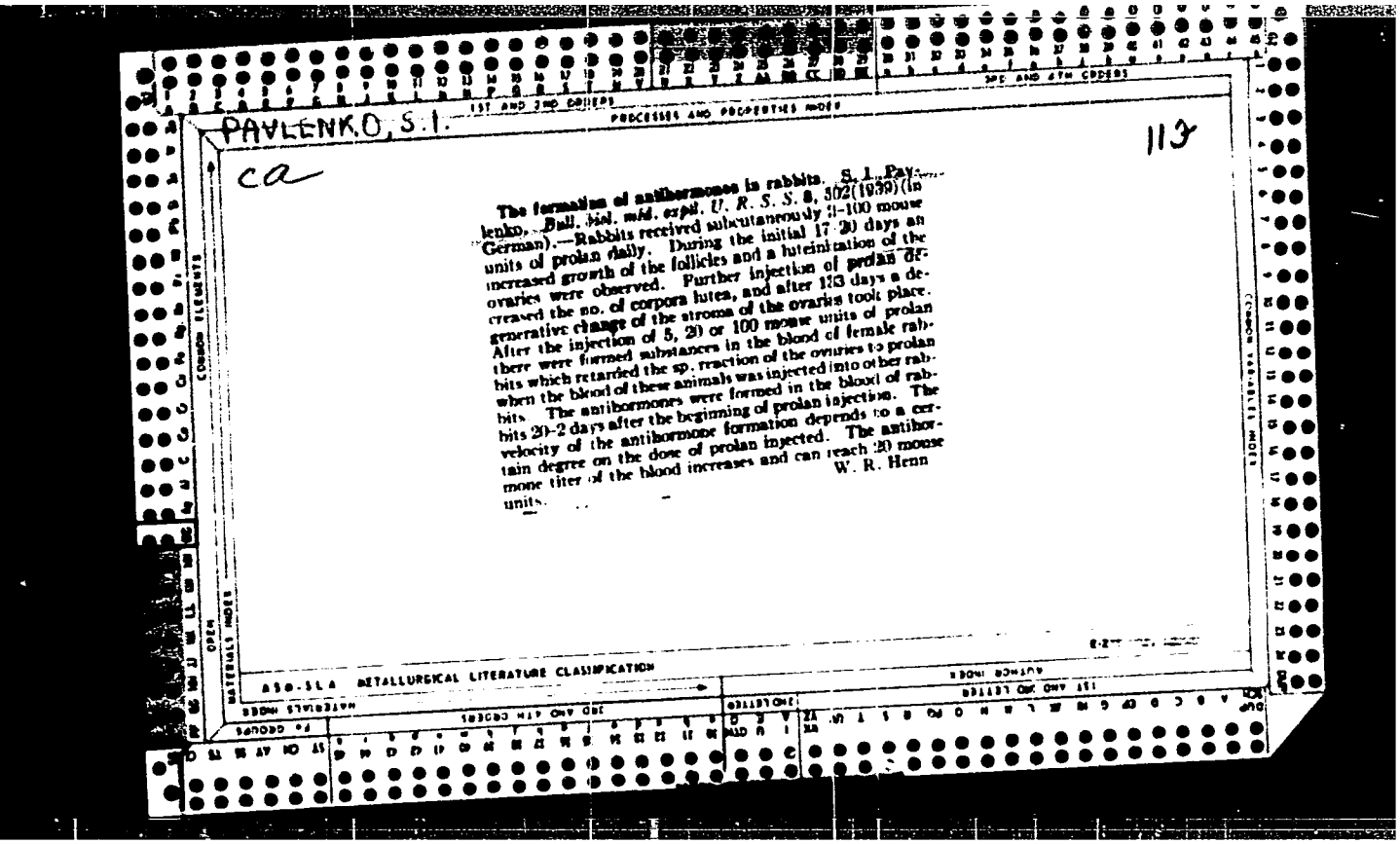
"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S., inzh.

Pay daily attention to interfarm organizations. Sil'. bud. 9 no.9:4 S '59. (MIRA 12:12)
(Ukraine--Building materials)

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PAVLENKO, S. I.

ca

113

The formation of antihormones in rabbits. S. I. Pavlenko. *Bull. biol. méd. exptl. U. R. S. S.* 8, 502(1939)(In German).—Rabbits received subcutaneously 5–100 mouse units of prolan daily. During the initial 17–20 days an increased growth of the follicles and a hyperinitiation of the ovaries were observed. Further injection of prolan decreased the no. of corpora lutea, and after 123 days a degenerative change of the stroma of the ovaries took place. After the injection of 5, 20 or 100 mouse units of prolan there were formed substances in the blood of female rabbits which retarded the sp. reaction of the ovaries to prolan when the blood of these animals was injected into other rabbits. The antihormones were formed in the blood of rabbits 20–2 days after the beginning of prolan injection. The velocity of the antihormone formation depends to a certain degree on the dose of prolan injected. The antihormone titer of the blood increases and can reach 20 mouse units.

W. R. Henn

ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S.I.; NOSALEVICH, O.M.; KRASTINA, Ye.M.

Use of radioactive colloidal gold in the treatment of cancer of the cervix uteri. Med. rad. 5 no.4:15-19 Ap '60. (MIRA 13:12)
(UTERUS--CANCER) (GOLD--ISOTOPES)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S.I.; NOSALEVICH, O.M.; KHASTINA, Ye.M.

Experience in the use of the radioactive isotopes Au^{198} and P^{32} in treating cancer of the endometrium. Vop. onk. 6 no. 10:51-54 O '60. (MIRA 14:1)

(GOLD--ISOTOPES) (PHOSPHORUS--ISOTOPES)
(ENDOMETRIUM--CANCER)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S.I.

29322 Klinicheskoye techeniye i lecheniye raka sheyki matki pri beremennosti v poslerodovom i latatsionnom periode. Voprosy onkologii i rentgenologii, No. 1-2, 1948, S. 154-59.

SO: Letopsi' Zhurnal'nykh Statey, Vol. 39, Moskov, 1939

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S.I., doktor med.nauk

Treating cancer of the uterus in the late stages. Ped., akush. i gin. 22 no.5:34-37 '60. (MIRA 15:6)

1. Khar'kovskiy institut meditsinskoy radiologii (direktor - kand.med.nauk V.I. Shantir [Shantyr, V.I.]).
(UTERUS--CANCER)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

SHUNDAK, [illegible] KRAVITSA, Yu. I.

Uterus

Treatment of [illegible]

Monthly List of Russian Accessions, Library of Congress, September [illegible]

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S.I. (Khar'kov, ul. Chaykovskogo, d. 17, kv.8)

Late results of therapy of cervical cancer with ionizing radiations. Vop.onk.1 no.4:81-84 '55. (MLRA 10:1)

1. Iz Ukrainskogo rentgeno-radiologicheskogo i onkologicheskogo instituta (dir. dots. Ye.A.Bazlov)
(RADIOTHERAPY, in various diseases,
cancer of cervix)
(RADIUM, therapeutic use,
cancer of cervix)
(CERVIX, UTERINE, neoplasms,
ther., radium & x-rays)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, G. I. Doc Med Sci -- (diss) " ~~The~~ Importance of clinical factors for ~~the increased~~ increasing the effectiveness of radiation therapy of cervix uteri cancer patients." Khar'kov, 1957. 19 pp 20 cm. (Khar'kov State Medical Inst), 200 copies

(KL, 21-57, 105)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

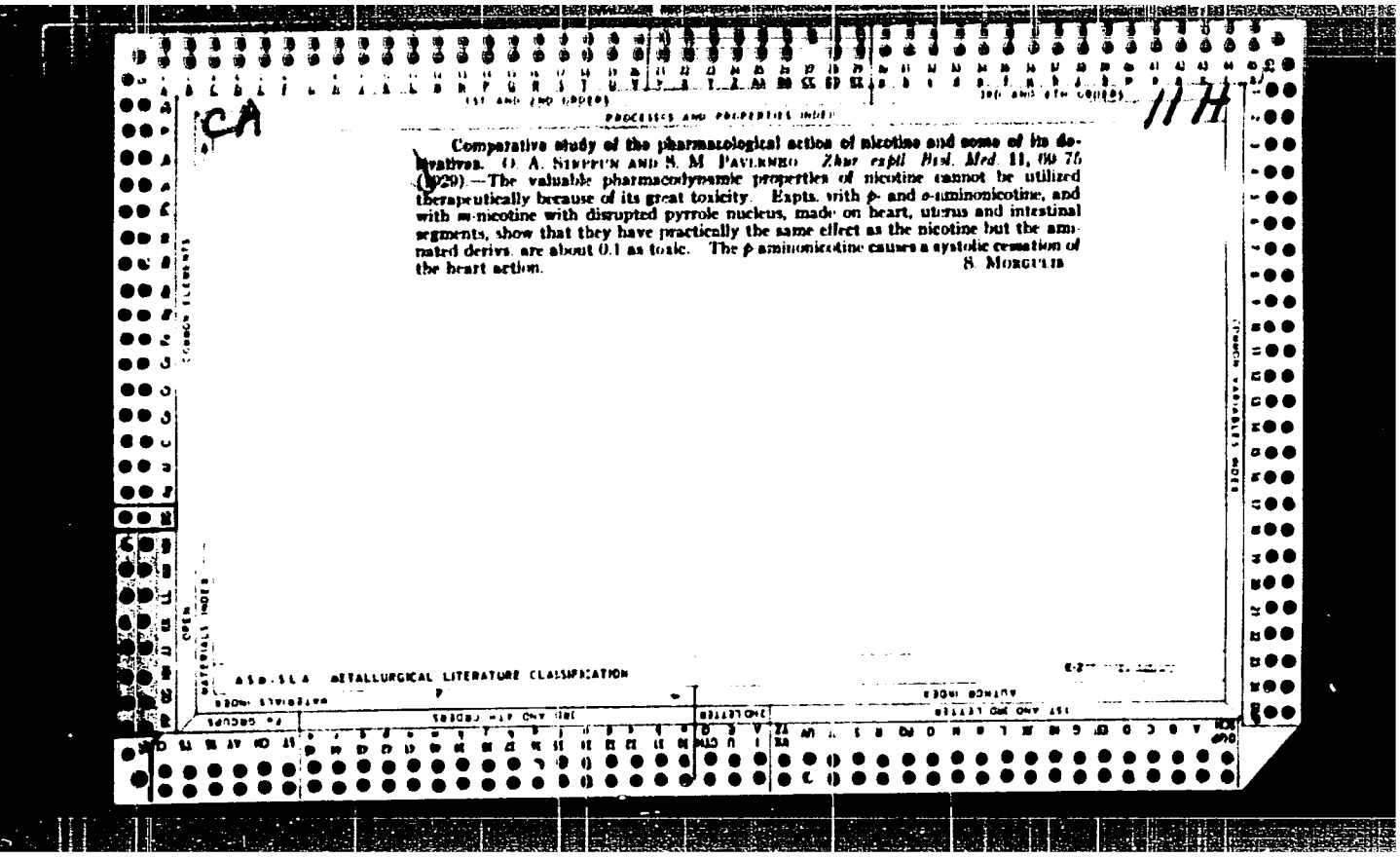
PAVLENKO, S.I., [illegible] S.M.

[illegible] treatment [illegible] of the cervix uteri [illegible]
Akush. i gin. (Sofiia) 4 no.1:28-33 Ja '64. (MIRA 17:4)

1. Ginekologicheskaya klinika (zav. - doktor med. nauk S.I. Pavlenko) Kharkovskogo instituta meditsinskoy radiologii.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5



CA

11H

PROCESSES AND PROPERTIES INDEX

Comparative study of the pharmacological action of nicotine and some of its derivatives. O. A. SHEPTUN AND S. M. PAVLENKO. *Zhur. exptl. Biol. Med.* 11, 69-75 (1929).—The valuable pharmacodynamic properties of nicotine cannot be utilized therapeutically because of its great toxicity. Expts. with *p*- and *o*-aminonicotine, and with *m*-nicotine with disrupted pyrrole nucleus, made on heart, uterus and intestinal segments, show that they have practically the same effect as the nicotine but the ammonized derivs. are about 0.1 as toxic. The *p*-aminonicotine causes a systolic cessation of the heart action. S. MORGULIS

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

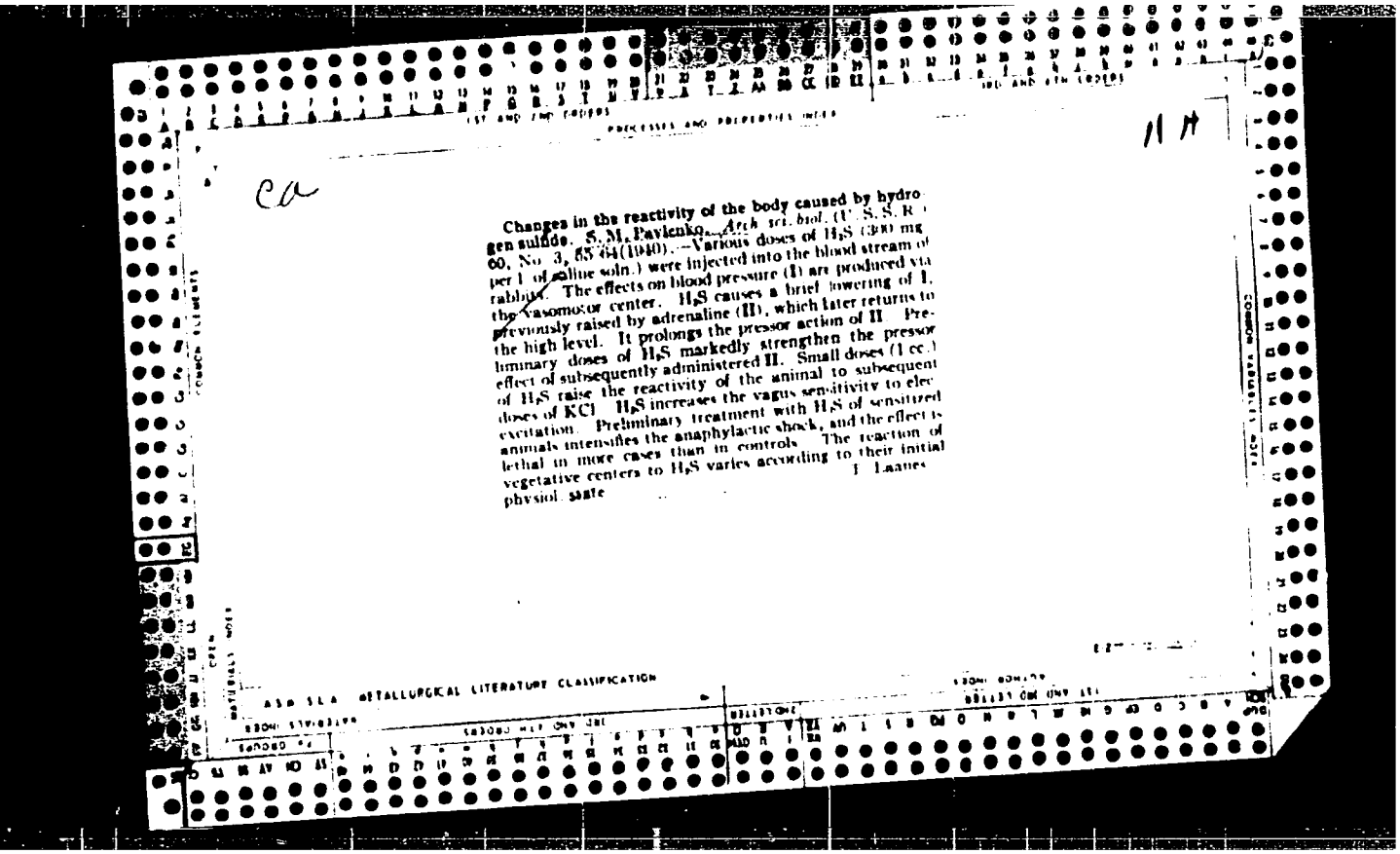
PAVLENKO, S. M.

"The Ovary as an Organ of Internal Secretion (p. 895) by Pavlenko, S. M.

SO: Advances in Contemporary Biology (USPEKHI SOVREMENNOI BIOLOGII) Vol. 5, No. 5 1936

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5



Changes in the reactivity of the body caused by hydrogen sulfide. S. M. Pavlenko. *Arch. sci. biol.* (U. S. S. R.) 60, No. 3, 85-94 (1940).—Various doses of H_2S (300 mg per l of saline soln.) were injected into the blood stream of rabbits. The effects on blood pressure (I) are produced via the vasomotor center. H_2S causes a brief lowering of I, previously raised by adrenaline (II), which later returns to the high level. It prolongs the pressor action of II. Preliminary doses of H_2S markedly strengthen the pressor effect of subsequently administered II. Small doses (1 cc.) of H_2S raise the reactivity of the animal to subsequent doses of KCl. H_2S increases the vagus sensitivity to electric excitation. Preliminary treatment with H_2S of sensitized animals intensifies the anaphylactic shock, and the effect is lethal in more cases than in controls. The reaction of vegetative centers to H_2S varies according to their initial physiol. state. J. Laanes

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S. M. Prof.

"Ideological and Political Work in the Medical Colleges and Scientific Research Institutes," Sov. Zdrav., No.3, 1948.

Chief, Main Admin., Med. Educ. Insts., Min. Public Health

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S. M. PA 13/49T50

USSR/Medicine - Biography Jul/Aug 48
Medicine - Cancer, Therapy

"G. P. Sakharov - Prominent Scientist and Pedagogue," Prof S. M. Pavlenko, 2 pp

"Arkhiv Patologii" Vol X, No 4

Describes career of G. P. Sakharov. During the past 15 years, he has been studying methods for the organotherapy for cancer. Photograph (CIA Photo Accession No 3132).

[redacted]

13/49T50

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, P. M.

The role and purposes of the medical school. Klin. med., Moskva 28:7, July 50. p. 3-11

NAI

CLML 19, 5, Nov., 1950

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

Certain principal problems in the field of pathophysiology according to the Pavlovian theory. Zh. vysshei nerv. deiat.,Pavlova 1 no. 1: 109-119 Jan-Feb 1951. (CLML 22:5)

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S. M.

Certain ways and forms of reorganization of medical science and practice. Sovet. med. no.10:4-10 Oct 1951. (CIML 21:1)

1. Professor. 2. Moscow.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

FAVORSKIY, S. V., CHIGIR, V.

Physiology, pathological

Brief news, Zhur. vys. nerv. deiat, 2, no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1952 Unclassified.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S. M.

Medicine - Bibliography

Soviet medical review; subject indes to 1948-1949 serial publications, no. 1, S. M. Pavlenko, ed. Reviewed by A. B. Frenkel'., Klin. med., 30, no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1952 Uncl.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S.M.

Work of the Plenary Session of the Board of Directors of the All-Union Society of Pathophysiologists of January 30 to February 3, 1953. Zhur.vys. nerv.deiat. 3 no.2:304-309 Mr-Ap '53. (MLRA 6:6)
(Physiology, Pathological--Societies)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S.M.

"Antigens as extreme stimulators of the nervous system." A.D.Ado.
Reviewed by S.M.Pavlenko. Zhur.vyš.nerv.deiat. no.4:660-662 Jl-Ag '53.
(MLRA 6:12)

(Antigens and antibodies) (Nervous system) (Ado, A.D.)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PATES, M.M.; PAVLENKO, S.M., professor, zaveduyushchiy.

Excretion of riboflavin in the urine in malignant neoplasms. Vop.pit. 12 no. 4:19-23 Jl-Ag '53. (MLRA 6:10)

1. Kafedra patologicheskoy fiziologii I ordena Lenina meditsinskogo instituta. 2. Institut gigiyeny truda i prof. zabolevaniy Akademii meditsinskikh nauk SSSR, Moscow. (Tumors) (Urine) (Riboflavin)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S.M., professor.

Mechanism of the effect of tissue therapy. Sov.med. 17 no.8:8-13 Ag '53. (MLRA 6:8)

1. Moskovskiy ordena Lenina meditsinskiy institut. (Tissue extracts)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S.M.

Some problems in the theory of disease in the light of Pavlov's concepts. Zhur. vys. nerv. deiat. 4 no.1:20-40 Ja-F '54. (MLRA 7:8)
(DISEASE,
*Pavlovian concept)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S.M., professor

Gavriil Petrovich Sakharov. Arkh.pat. 16 no.2:90-92 Ap-Je '54.
(SAKHAROV, GAVRIIL PETROVICH, 1873-1953) (MLRA 7:5)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

USSR/Medicine - Pathophysiology PAVLENKO, S M

Card 1/1 Pub 17-5/20

Author : Kaminskiy, S. D.; Savchuk, [illegible]; Pavlenko, S. M.

Title : Disturbance of higher nervous activity after amytal-induced sleep

Periodical : Byul. eksp. biol. i med. [illegible], Apr 1954

Abstract : Studied changes in the [illegible] activity of [illegible] various periods [illegible] doses [illegible] into consideration [illegible] Also studied the nature of higher nervous activity [illegible] of pentobarbital in [illegible] doses and at various periods [illegible] Baths. No references.

Institution : Laboratory of Physiology [illegible] Higher Nervous Activity (Head- Prof S. D. Kaminskiy) of the [illegible] Institute of Psychiatry of the Ministry [illegible]

Submitted : June 29, 1954 by P. K. Anokhin, [illegible] of Medical Sciences USSR

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S.N., prof. (Moskva)

Some unsolved problems of the corticovisceral relationship in the pathogenesis of disease. Vrach.delo no.12:1243-1247 D '56. (MIRA 12:10)

(NERVOUS SYSTEM)
(DISEASES--CAUSES AND THEORIES OF CAUSATION)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S.M., prof.

Some theoretical tenets of I.V. Davydovskii. Arkh.pat. 18 no.3:108-113 '56 (MIRA 11:10)

(PATHOLOGY)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S.N., prof. (Moskva)

Results of the plenary session of the Administration of the All-Union Society of Pathophysiologists held in Moscow, October 8-10, 1955. Klin.med. 34 no.8:93-96 Ag '56.
(MIRA 12:8)

(PATHOLOGY)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

Pavlenko, S.N.

PAVLENKO, S.N., professor

Report on the Second All-Union Conference of Pathophysiologists. Pat.fiziol. i eksp.terap. 1 no.2:61-64 Mr-Ap '57. (MLRA 10:9)
(PHYSIOLOGY, PATHOLOGICAL)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

PAVLENKO, S.N., prof. (Moskva)

Development of Russian patnological physiology during the 40 years since the October Revolution. Pat.fiziol. i eksp.terap. 1 no.5: 3-12 S-O '57. (MIRA 10:12)

(PATHOLOGY, in Russia (Rus))

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239520013-5

USSR / Human and Animal Physiology. Nervous System. T-10

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3873

Author : Pavlenko, S. M.
Inst : Moscow Academy of Veterinary Medicine
Title : Conditioned Visual Reflexes of the Horse

Orig Pub : Tr. Mosk. vet. akad., 1957, 20, 78-83

Abstract : Rapid formation of conditioned defense reactions in response to light stimulants and development of differentiation for various colors (red and violet, yellow and green) were noted in 5 horses. The degree of differentiating light intensities turned out to be exceedingly fine: the animals differentiated between 6180 and 6300 asb [?], and also between object stimulants in space. The horses did not differentiate stati· pictures (screens) as well as moving plywood figures. -- K. S. Ratnor

Card 1/1

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